



FISCAL YEARS
2015-2019
City of Mesa, Arizona

capital improvement program

Five Year Capital Improvement Program 2015 - 2019



Mesa City Council

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Christopher Glover, Vice Mayor and
District 4

Dave Richins, District 1

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Dennis Kavanagh , District 3

David Luna, District 5

Scott Somers, District 6

City Manager

Christopher J. Brady


To the Honorable Mayor, City Council Members and the residents of the City of Mesa:

I am pleased to present the City of Mesa's 2015-2019 Capital Improvement Program (CIP). This document serves as a five-year planning tool for infrastructure development and improvements. The CIP was approved by City Council on May 19, 2014.

The CIP document includes:

- Capital expenditure summaries
- Operational impact cost summaries
- Financial summaries by funding sources
- Detailed individual descriptions of each project
- Maps indicating the location of the projects

The CIP is developed to serve as a plan based on City Council priorities and financial restrictions determined by the City's current financial forecast. The plan is reviewed and revised annually to evaluate City infrastructure needs within financial forecast limitations.



Christopher J. Brady
City Manager

Five Year Capital Improvement Program

Capital Improvement Program 2015-2019

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capital improvement program overview



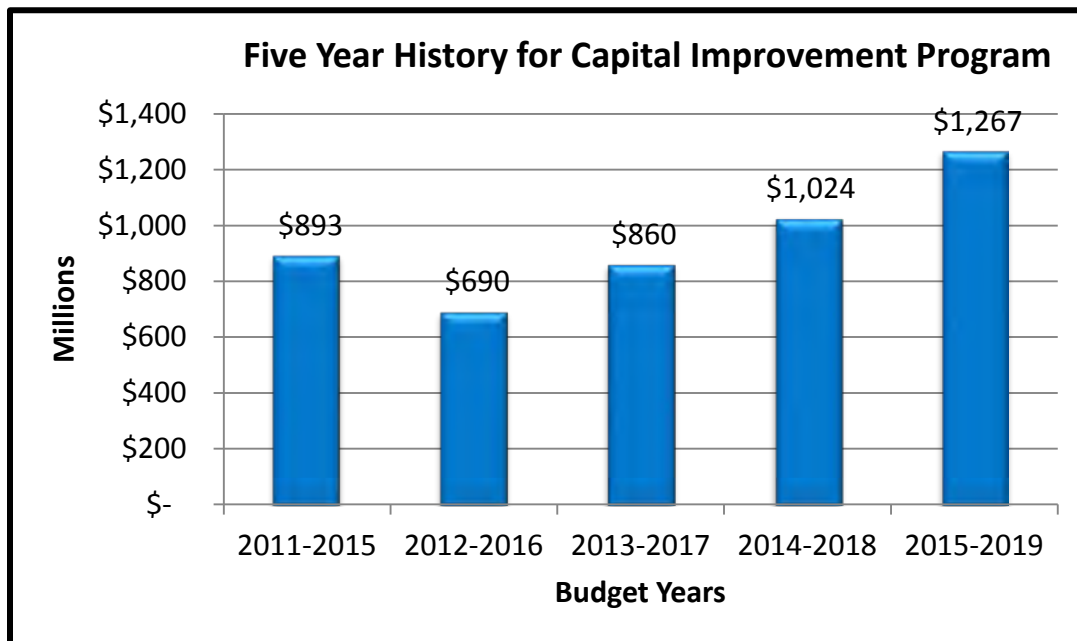
Five Year Capital Improvement Program

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CAPITAL IMPROVEMENT PROGRAM OVERVIEW

The Capital Improvement Program (CIP) represents the City's plan to meet its public facility and infrastructure needs. Major capital improvements and purchases are planned and tracked on a longer-term basis than annual capital purchases. Departments assess needs and plan and develop projects in conjunction with the Engineering Department. City management meets with departments to analyze and prioritize the projects. This allows the City to apply limited funding and staff resources to the highest-priority projects. Based on the resources projected to be available for the various types of projects, a multi-year plan is developed.

An eight-year Capital Improvement Program is developed and included in the City's long-term forecast. This plan includes project costs as well as all resulting operational and maintenance costs. The first five years of the plan are published in this Five-Year Capital Improvement Program document. The first year of the plan is adopted by the City Council as part of the annual budget.



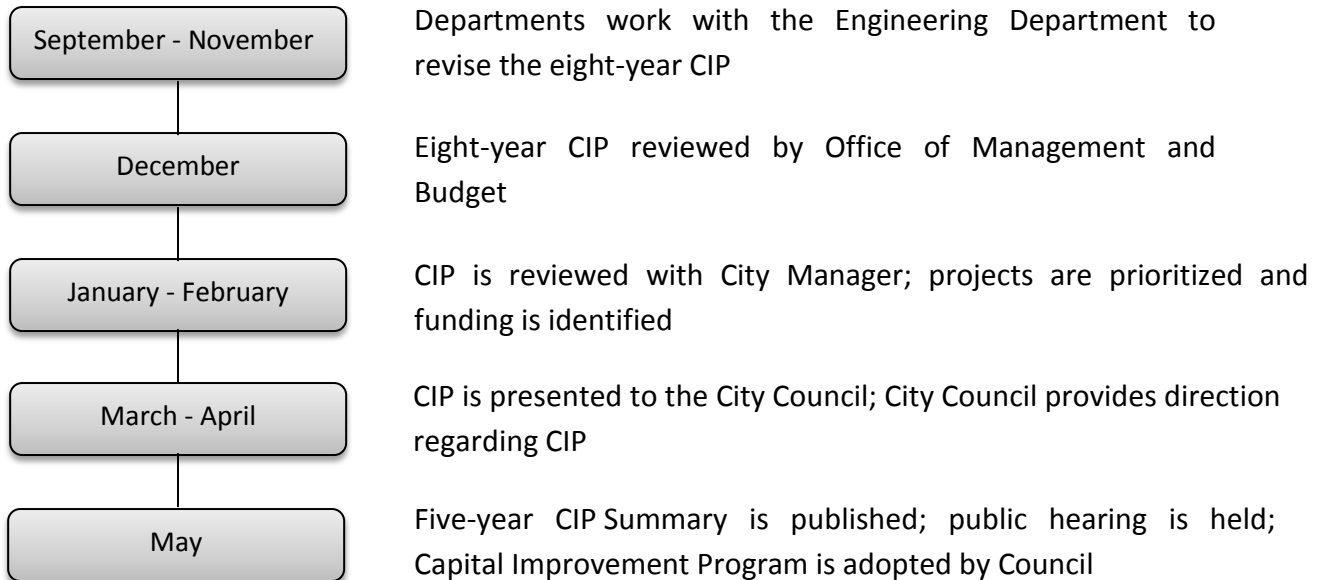
CIP BUDGET PROCESS

Due to limited resources, not all projects identified during the budget process are adopted in the final budget. Projects are prioritized based on how each project:

- Meets the needs of the City considering factors such as financial feasibility, public health, and safety
- Fulfills of the City's legal commitment to provide safe and adequate facilities and services
- Creates efficiencies in existing facilities
- Prevents or reduces future maintenance cost and prolongs useful life of facility

- Provides services to developed areas lacking full service
- Promotes infill development

The following is an overview of the CIP budget process:



CAPITAL IMPROVEMENT PROGRAM FUNDING SOURCES

There are two primary funding sources for capital improvements: (1) operating sources and (2) bonds. The following is a brief summary of the funding sources:

Operating Sources – Operating sources range from general and special revenues (Local Street Sales Tax, Highway User Revenue, state shared revenue, federal and state aid, fines) to enterprise revenues (electric, gas, water, solid waste, etc.). The major components of this funding source are described below. For purposes of the Capital Improvement Program, reimbursements of expenses from other governmental entities are included in this category. While reimbursements are not considered revenue, their inclusion assists in ascertaining the net cost of a project to the City.

Highway User Revenue - funds received through the State of Arizona collection of gasoline tax and a number of additional transportation-related fees. Revenues from these taxes and fees are deposited into the Arizona Highway User Revenue Fund (HURF), of which the City of Mesa receives a portion of the total. Funds in this category can only be used for transportation-related activities.

Local Streets Sales Tax - funds received from a May 2006 voter approved increase of the City's Transaction Privilege Tax (Sales Tax) by 0.5%, of which 0.3% is dedicated to transportation. This funding can only be used for streets-related activities. It provides a local revenue source as well as matching funds to obtain Maricopa Association of Governments (MAG) Proposition 400 monies.

Federal Aid - funds obtained through federal grants such as Community Development Block Grants (CDBG) and Federal Transit Administration (FTA) grants.

State Aid - funds obtained through state grantors such as the Arizona Department of Transportation.

Bonds - Issuing bonds is a common practice among cities; it is the primary and most widely-accepted method of funding large capital projects for municipalities throughout the nation. There are various types of bonds used to fund projects in the Capital Improvement Program including:

General Obligation (G.O.) Bonds - General obligation bonds are categorized into two groups:

20% - Under Arizona law, cities can issue G.O. Bonds for purposes of water, wastewater, artificial light, streets, public safety, open preserves, parks, playground, and recreational facilities up to an amount not exceeding 20% of the secondary assessed valuation.

6% - Under Arizona law, cities can issue G.O. Bonds for all purposes other than those listed above (definition of 20% G.O. Bond), up to an amount not exceeding six percent of the secondary assessed valuation.

Utility Revenue Bonds - Utility revenue bonds have no statutory limitations as to the amount which may be issued. Projects that fall into this category are Gas, Water, Wastewater, Electric, and Solid Waste projects. Bonds used for these projects are repaid from revenues received from the customers of that particular utility.

Excise Tax Bonds - Excise taxes are taxes paid when purchases are made on a specific good or activity. Excise tax bonds were issued in FY 2012/13 to finance the construction and renovation of Spring Training facilities. The bonds are backed by the City's excise tax revenue (city sales and use tax; state-shared revenues; licenses, fees, and permits; fines and forfeitures; etc.).

OVERVIEW OF CIP FUNDING

The comparison of funding in consecutive fiscal years is one way to assess changes in the CIP. The first table below separates new funding and carryover. Carryover is the amount of project budget that has not been spent by the end of a fiscal year, but is still required to complete the project. Excluding carryover allows the City to compare new project funding only.

Comparison of Prior Year CIP Budget		
Funding Source	2013/14	2014/15
Operating Funds		
Unrestricted	\$ 11,286,843	\$ 2,137,641
Restricted	\$ 20,749,157	\$ 39,554,359
Operating Funds Subtotal	\$ 32,036,000	\$ 41,692,000
Bond Funds		
General Obligation	\$ 29,279,292	\$ 74,352,784
Utility Revenue	\$ 62,965,979	\$ 109,363,216
Excise Tax	\$ 50,695,729	\$ -
Bond Funds Subtotal	\$ 142,941,000	\$ 183,716,000
Additional Appropriation (if needed)		
Public Safety Bond Capacity	\$ 9,625,000	\$ -
Streets Bonds Capacity	\$ 15,865,000	\$ -
Additional Capacity (if needed) Subtotal	\$ 25,490,000	\$ -
Total Budget (without carryover)	\$ 200,467,000	\$ 225,408,000
Carryover		
Capital Improvement Carryover	\$ 40,847,000	\$ 35,374,000
Bond Capital Improvement Carryover	\$ 94,065,000	\$ 81,903,000
Carryover Subtotal	\$ 134,912,000	\$ 117,277,000
Total Budget	\$ 335,379,000	\$ 342,685,000

Notable differences include:

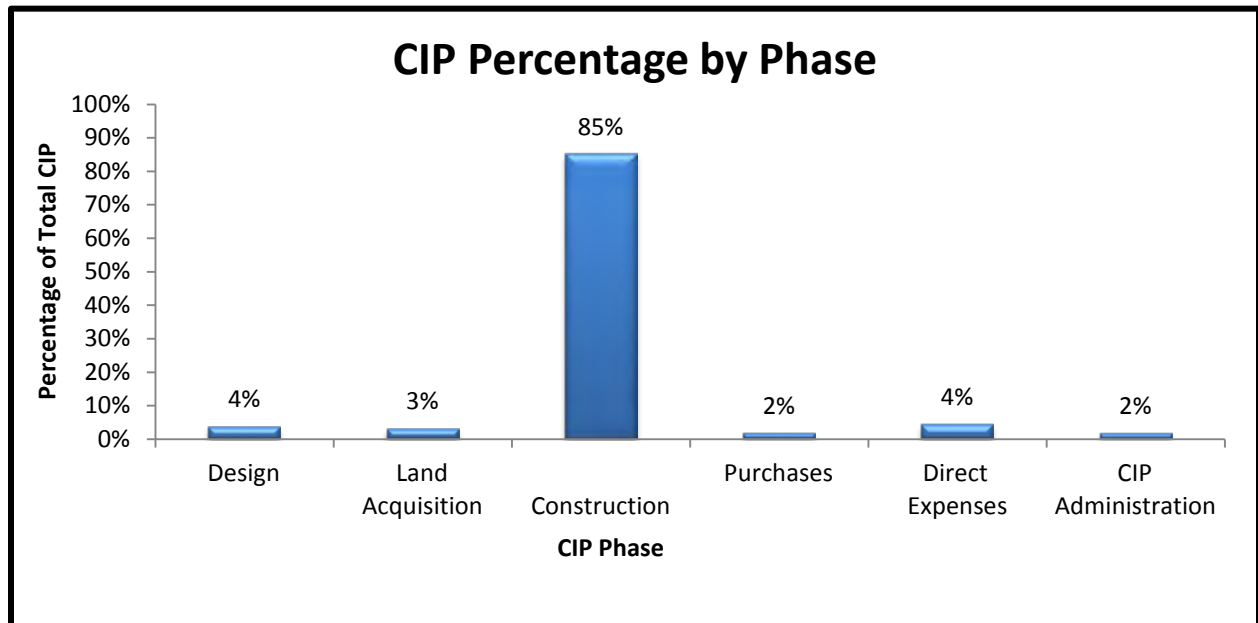
1. Increase in budgeted general obligation bonds in support of streets and public safety projects approved by voters in November 2013.
 - a. Public safety communications projects
 - b. Fire Apparatus
 - c. Mesa Drive Improvements Phase II
2. Increase in budgeted utility revenue bonds for various projects needed in the City's utility areas.
 - a. Val Vista Water Transmission Mains
 - b. Aging infrastructure replacements
 - c. Various plant improvements
3. Increase in restricted funding
 - a. Various grant-funded projects
 - b. Mesa share of Gilbert Road light rail extension
4. Decrease in unrestricted funding
 - a. Projects using enterprise or general fund started last fiscal year to be completed.

This table shows five years of the CIP plan, with carryover included.

Funding Source	Five Year Capital Improvement Program Funding Sources					
	2014/15	2015/16	2016/17	2017/18	2018/19	5 Year Total
Operating Funds						
Restricted Funds	\$ 35,821,411	\$ 54,679,134	\$ 44,443,717	\$ 47,364,468	\$ 17,601,009	\$ 199,909,740
Unrestricted Funds	\$ 21,117,365	\$ 2,648,427	\$ 2,424,224	\$ 2,040,272	\$ 16,436,547	\$ 44,666,835
Grant Funds						
Grants-Enterprise	\$ 4,717,582	\$ 3,236,451	\$ 1,715,666	\$ 3,745,837	\$ 4,205,735	\$ 17,621,271
Grants - General Gov.	\$ 15,409,642	\$ 904,900	\$ 58,543	\$ -	\$ 1,381,066	\$ 17,754,151
Total Operating Funds	\$ 77,066,000	\$ 61,468,913	\$ 48,642,151	\$ 53,150,577	\$ 39,624,357	\$ 279,951,996
Bond Funds						
Spring Training Bonds	\$ 20,390,621	\$ -	\$ -	\$ -	\$ -	\$ 20,390,621
Electric Bonds	\$ 6,453,190	\$ 7,987,022	\$ 5,535,628	\$ 7,347,506	\$ 5,036,894	\$ 32,360,239
Gas Bonds	\$ 16,687,030	\$ 15,169,746	\$ 13,805,448	\$ 17,553,205	\$ 12,705,917	\$ 75,921,345
Water Bonds	\$ 70,143,076	\$ 74,251,721	\$ 101,508,636	\$ 86,862,286	\$ 33,728,226	\$ 366,493,945
Wastewater Bonds	\$ 45,779,943	\$ 41,011,515	\$ 67,973,481	\$ 65,103,578	\$ 14,108,525	\$ 233,977,043
Parks Bonds	\$ 44,643,598	\$ 10,227,880	\$ 2,160,834	\$ 26,931	\$ 541,474	\$ 57,600,717
Public Safety Bonds	\$ 23,360,631	\$ 21,865,746	\$ 5,727,112	\$ 15,242,346	\$ 28,148,646	\$ 94,344,482
Streets Bonds	\$ 30,615,228	\$ 39,929,654	\$ 16,042,647	\$ 2,709,543	\$ 8,752,806	\$ 98,049,878
Solid Waste Bonds	\$ 7,545,683	\$ -	\$ -	\$ -	\$ -	\$ 7,545,683
Total Bond Funds	\$ 265,619,000	\$ 210,443,284	\$ 212,753,786	\$ 194,845,395	\$ 103,022,488	\$ 986,683,954
Total Budget	\$ 342,685,000	\$ 271,912,197	\$ 261,395,937	\$ 247,995,972	\$ 142,646,845	\$ 1,266,635,950

CAPITAL IMPROVEMENT PROGRAM PHASES

Each CIP project may consist of multiple phases. Those phases may include: design, land acquisition, construction, purchases, direct expenses, and CIP administration.



The majority of the expenditures in Capital Improvement Program are for construction. For the current five-year CIP, construction is approximately 85%. Below is a brief description of the different phases.

Design: this phase includes the expenditures required to prepare a project for construction, such as the use of architects and engineers to prepare concept drawings.

Land Acquisition: this phase includes the cost of the land, attorneys, and other expenditures related to the purchase of land, when necessary.

Construction: this phase includes construction contracts, materials testing, staff time (inspections), and other expenditures related to the physical construction of the project.

Purchases: this phase includes the purchase of capital items such as furniture, fixtures, and equipment (FF&E) for a new facility, fire apparatus, a police helicopter, etc.

Direct Expenses: this phase includes other expenditures related to the project that do not fit into the other phases. These might include advertising and public outreach on specific projects.

CIP Administration: this phase includes the time of accountants, engineers, and other professional staff dedicated to the CIP, but who do not work on specific projects.

IMPACT ON OPERATING BUDGET

The completion of CIP projects may result in the need for additional funding for one-time start-up purchases as well as ongoing operations and maintenance (O&M) funding (e.g., a new fire station requires one-time funding for items such as furniture, fixtures and equipment and ongoing funding for expenditures such as personnel, utilities and maintenance). Operating and maintenance funding is identified during the project planning process.

Major capital projects often require a multi-year design and construction period and therefore O&M may be a result of projects that were competed in a prior fiscal year. Operations and maintenance costs are included in the operating budgets of the applicable department.

CIP Impact on Operating Budget					
Funding Source	2014/15	2015/16	2016/17	2017/18	2018/19
General Fund	\$ 2,200,885	\$ 1,632,762	\$ 829,412	\$ 2,043,219	\$ 555,621
Local Street Sales Tax	\$ -	\$ 23,713	\$ 36,990	\$ -	\$ 6,802
Highway User Revenue	\$ 52,948	\$ 54,132	\$ 28,539	\$ 78,525	\$ -
Transit Fund	\$ 582,000	\$ 3,459,840	\$ 66,751	\$ 659,036	\$ 2,684,125
Capital - General Fund	\$ 125,000	\$ 427,392	\$ 118,990	\$ -	\$ -
Enterprise Fund	\$ 45,000	\$ -	\$ 160,989	\$ 3,571,201	\$ -
Total Operational Impact	\$3,005,833	\$5,597,839	\$1,241,672	\$6,351,982	\$3,246,548

Below are two examples of capital projects in the 2014/15 CIP that will have a significant operational impact. Each project will require funding in future years for operations and maintenance. An estimated annual operating impact of each project and a description of the operating cost are provided.

Central Mesa Light Rail Extension

Project Description: An approximately 3.1 miles of double track alignment, extending along Main Street, will be constructed from the existing light rail system end of line (Sycamore Station) to a new end of line station between Mesa Drive and Lesueur.

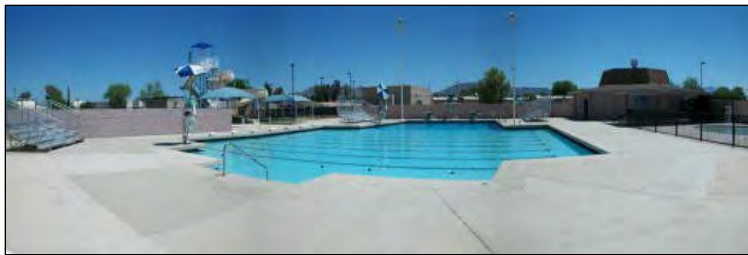


Annual Operating Impact: \$4,000,000

Operating costs for the light rail extension include maintenance on the line and the stations. It also includes the utilities, staffing, and security costs.

Mesa High Regional Aquatic Center

Project Description: The Mesa High Regional Aquatic Center will be built at the southwest corner of the Mesa High School campus. The aquatic center will include a lazy river, splash pad, ten racing lanes, and a dive tank. Enclosed building areas will be needed to accommodate public entry, a bathhouse, offices, a small classroom, and a pool equipment room with storage for pool chemicals. Shade structures and bleacher seating will also be provided.

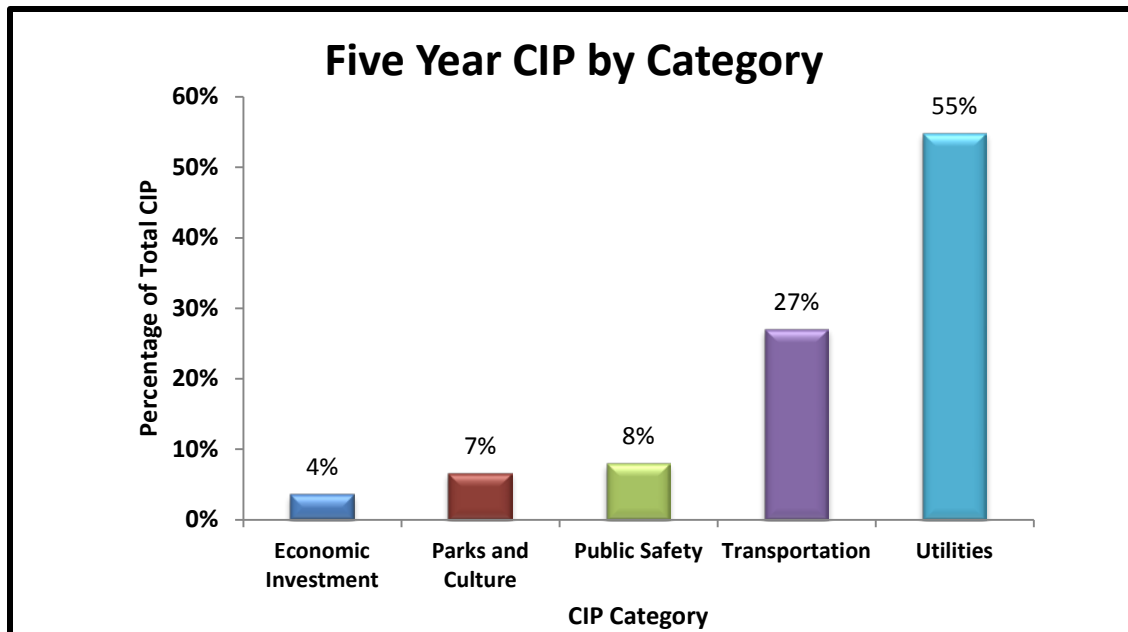


Annual Operating Impact: \$400,000

Most of the O&M relating to the aquatic center is due to staffing. The City has also agreed with the school district to cover expenses related to pool maintenance and water treatment chemicals. The school district will pay for utilities.

CAPITAL IMPROVEMENT PROGRAM CATEGORIES

The CIP represents the City's commitment to provide reliable utilities and transportation for its citizens. All capital improvement program projects are assigned to one of the five following categories: Economic Investment, Parks and Culture, Public Safety, Transportation, and Utilities. Following the chart below is a description of each category and examples of projects contained in the 2014/15 CIP.



ECONOMIC INVESTMENT - Projects that fall under this category are the HEAT Initiative (defined below) and Community Development (CDBG).

HEAT Initiative projects promote economic development in 5 key areas: Healthcare, Education, Aerospace, Tourism, and Technology.

General Government projects are defined as any improvements or land acquisition associated with Mesa's Town Center Redevelopment area; upgrades or renovations to existing buildings where City employees are currently located.

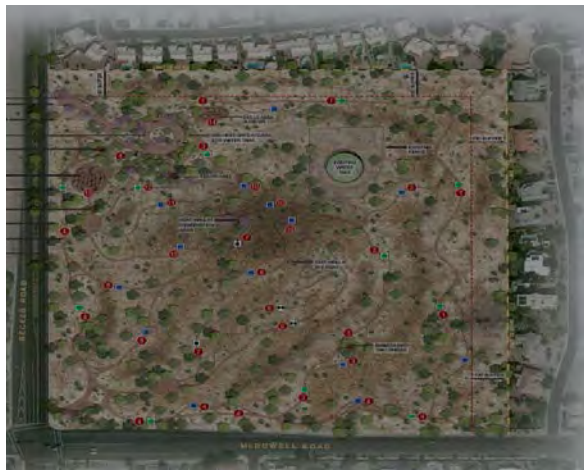


Oakland Athletics Training Facility - \$24,231,438

Renovation of the Hohokam Stadium and Fitch Park for 9,500 seat capacity Major League Spring Training stadium, clubhouse remodels, added hydrotherapy facilities, renovated fields to meet team's specifications, mechanical and electrical upgrades and a new scoreboard and audiovisual system.

PARKS AND CULTURE - Projects that fall into this category are Parks and Recreation, Golf Course, Aquatics, Library, and Cemetery.

Parks and Culture projects are defined as new neighborhood, community or district parks and associated amenities, park maintenance offices, retention basin improvements, golf course improvements, athletic field lighting, community recreation centers, skate parks, shared use paths, park canal projects, and aquatic facilities.



McDowell and Recker Park Development - \$826,650

Construct a 16-acre community park featuring non-motorized trails through native desert vegetation and a 60-foot high knoll. The plan includes a one-mile multi-use walking/hiking trail that will be the backbone of the trail. This trail will feature scenic overlooks and will be designed for most user skill levels.

PUBLIC SAFETY - Projects that fall into this category are Police, Fire and Medical, Judicial, and Environmental Management.

Public Safety projects are defined as new buildings or existing buildings/facilities that are planned to be remodeled, renovated, or expanded such as police substations, fire stations, courtrooms, pistol ranges, training facilities, or parking garages associated with public safety. This also includes the purchase of property for public safety improvements. Other improvements include new equipment purchases or existing equipment upgrades and environmental mitigation improvements.



Fire Station 203: Relocation – \$4,440,424

Purchase land and construct a replacement station in the area of west Broadway. The relocation of Fire Station 203 allows Fire and Medical personnel to respond to the needs of the community.

TRANSPORTATION - Projects that fall into this category are Streets, Regional Transit Plan, Mass Transit, and Airports - Falcon Field and Phoenix-Mesa Gateway.

Transportation projects are defined as widening the existing arterial street system, intersection improvements, adding new roadways, landscaping within public right-of-way, street lighting and traffic signal system improvements, bus purchases, bus pullouts/bus shelters, park-n-ride lots, transit facilities, light-rail studies, infrastructure improvements to the Falcon Field Airport and Phoenix-Mesa Gateway Airport, and any master plans/studies or design of projects under the Transportation category.

Mesa Drive: 8th Ave. to Main - \$15,975,509

Construct improvements to mitigate traffic delay and congestion and enhance safety. Overhead utility lines will also be moved underground to improve aesthetics and reliability.



UTILITIES - Projects that fall into this program are Water, Wastewater, Storm Sewer, Natural Gas, Electric, and Solid Waste.

Utility projects are defined as water reclamation plants, water treatment plants, well sites, water lines, wastewater lines, gas lines, storm sewer lines, lift stations, new or expanded pump stations, sulfide stations, storage or recharge sites, storm sewer drainage improvements, floodway improvements, electrical substation expansions, solid waste facility improvements, and any master plan/studies or design of projects under the Utilities category.

Val Vista Pipelines to City Zone Reservoirs and Val Vista Water Treatment Plant - \$33,715,531

Construct three water transmission mains to transfer water from the plant to the City Zone pump stations.



major program summary - capital expenses



Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

AQUATICS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Mesa Aquatic Complex	CP0212	\$7,762,203	-	-	-	-	-	\$7,762,203
Total for Aquatics		\$7,762,203	-	-	-	-	-	\$7,762,203

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

ARTS AND CULTURE

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
21st Century Cafe (ArtPlace Grant)	CP0347	\$310,145	-	-	-	-	-	\$310,145
Museum & Cultural Resource Expansion (Federal Building)	CP0213	\$2,542,724	-	-	-	-	-	\$2,542,724
Total for Arts And Culture		\$2,852,869	-	-	-	-	-	\$2,852,869

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

CEMETERY

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Future Cemetery Expansion	CP0210	\$165,000	\$508,800	\$879,492	-	\$53,683	\$2,192,404	\$3,799,379
Total for Cemetery		\$165,000	\$508,800	\$879,492	-	\$53,683	\$2,192,404	\$3,799,379

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

COMMUNICATIONS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Fiber to Radio Network Backbone Sites	CP0092	\$4,555,297	-	-	-	-	-	\$4,555,297
ITS Radio Communications Upgrades	CP0345	\$42,888	-	-	-	-	-	\$42,888
Microwave Network Replacement	CP0093	-	-	-	\$1,209,798	\$1,253,003	\$1,299,793	\$3,762,594
Radio Sites Emergency Power	CP0094	-	-	-	\$594,895	-	-	\$594,895
Wide-area Radio Coverage Improvements	CP0091	-	-	-	\$699,466	\$724,946	\$1,656,906	\$3,081,318
Total for Communications		\$4,598,185	-	-	\$2,504,159	\$1,977,949	\$2,956,699	\$12,036,991

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

COMMUNITY DEVELOPMENT

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Oakwood Creative Care Rehabilitation Project	CP0333	\$594,736	-	-	-	-	-	\$594,736
Total for Community Development		\$594,736	-	-	-	-	-	\$594,736

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

ELECTRIC

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Electric Distribution - Overhead	C09019	\$2,169,710	\$967,254	\$815,607	\$845,495	\$799,096	\$2,134,822	\$7,731,985
Electric Distribution - Underground	C09020	\$1,463,724	\$2,317,178	\$2,629,889	\$2,514,564	\$2,517,475	\$4,449,619	\$15,892,449
Electric Distribution Underground	CP0329	\$209,070	-	-	-	-	-	\$209,070
Electric Generation	CP0082	-	\$297,338	\$307,502	\$318,765	\$302,362	\$638,050	\$1,864,017
Electric Master Plan	CP0080	\$229,409	\$119,049	\$122,996	\$127,501	-	-	\$598,955
Electric Metering	C09024	\$400,548	\$415,276	\$429,507	\$454,867	\$461,449	\$1,934,358	\$4,096,007
Electric New Services	C09023	\$1,149,131	\$1,169,356	\$1,189,001	\$2,266,168	\$1,232,691	\$5,170,475	\$12,176,822
Electric New Services	CP0313	\$438,774	-	-	-	-	-	\$438,774
Electric Substation Improvements	C09022	\$482,295	\$1,019,827	\$122,996	\$1,275,013	-	-	\$2,900,131
Electric Transmission	C09021	\$114,705	\$295,561	\$347,635	-	-	-	\$757,901
Pocket Parks 4kV Electric Substation Conversions	CP0437	\$100,000	-	-	-	-	-	\$100,000
Total for Electric		\$6,757,366	\$6,600,838	\$5,965,135	\$7,802,372	\$5,313,074	\$14,327,324	\$46,766,110

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

FALCON FIELD AIRPORT

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Access Road Improvements	CP0405	\$100,976	-	-	-	-	-	\$100,976
Airfield Lighting and Signage Upgrade	CP0114	-	-	\$164,574	\$1,706,013	-	-	\$1,870,586
Airport Historic Zone Improvements	C09036	\$900,513	\$289,304	\$299,195	\$344,615	-	-	\$1,833,626
Airport Pavement Rehabilitation and Replacement Program - Falcon Ramp	C10435	\$1,889,164	-	-	-	-	-	\$1,889,164
Airport Terminal Building Upgrades	C10437	\$1,787,243	-	-	-	-	-	\$1,787,243
Anzio Ramp Expansion, Access Road and Lighting	C07042	-	-	-	-	-	\$1,515,234	\$1,515,234
APMS Pavement Replacement	CP0396	\$81,271	-	-	-	-	-	\$81,271
Automated Surface Observing System (ASOS)	C10470	\$4,419	-	-	-	-	-	\$4,419
Blast Pads for Runway 4L-22R	C07044	-	\$728,907	-	-	-	-	\$728,907
City Hangar Electrical Upgrades	CP0258	\$108,650	-	-	-	-	-	\$108,650
Design/Construct Safety Area Improvements	CP0397	-	\$79,762	\$1,266,889	\$1,266,888	-	-	\$2,613,539
Design/Relocate Taxiway E from Runway 4L/22R	CP0401	-	-	-	-	-	\$3,339,585	\$3,339,585
Eastside Taxilane	C06020	\$428,091	-	-	-	\$3,328,878	-	\$3,756,969
East Side Zone Improvements	CP0409	-	-	-	-	\$325,316	\$1,012,318	\$1,337,634
Falcon Field Master Plan	CP0256	-	-	\$279,007	-	-	-	\$279,007
Gate Systems Upgrade	CP0403	\$202,000	-	-	-	-	-	\$202,000
General Pavement Replacement	CP0117	\$37,817	-	-	-	-	-	\$37,817
Hangar Electrical Upgrades FY 14-15	CP0404	\$100,976	-	-	-	-	-	\$100,976
High-Speed Exits Runway 4L/22R	CP0416	\$125,000	\$1,093,208	-	-	-	-	\$1,218,208

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

FALCON FIELD AIRPORT

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Higley/Falcon Ramps Reconfiguration and Lighting	C06033	-	-	\$107,870	\$838,583	-	-	\$946,453
J Hangar Hot Maintenance Facility	CP0407	-	\$308,333	-	-	-	-	\$308,333
J-Hangar Replacements	CP0257	\$234,725	-	-	-	-	-	\$234,725
Land Parcel 36 Improvements	CP0406	\$131,300	-	-	-	-	-	\$131,300
Lease Parcel Renovations and Upgrades	CP0113	\$257,477	-	-	-	-	\$349,634	\$607,111
Operations Sweeper Maintenance Facility	CP0408	\$40,400	-	-	-	-	-	\$40,400
PAPI/REIL Upgrades/Relocation	C07046	\$261,834	-	-	-	-	-	\$261,834
Reconstruct Runway 4L/22R to 30,000 SWL	CP0402	-	-	-	-	-	\$4,487,055	\$4,487,055
Runway 22 R Approach Easement	CP0400	-	-	-	-	-	\$546,488	\$546,488
Runway Guard Light System	C10525	\$762,978	-	-	-	-	-	\$762,978
Taxiway A and C Reconfiguration	C10439	\$1,534,801	\$1,591,330	-	-	-	-	\$3,126,131
Taxiway Bravo Reconfiguration/ Install Runway Guard Lights	C07041	\$8,988	-	-	-	-	-	\$8,988
Wash Rack Shade Structure	C07039	\$751,314	-	-	-	-	-	\$751,314
Water Tower Renovations and Upgrades	CP0116	\$385,745	-	-	-	-	-	\$385,745
Wildlife Hazard Removal (Trees)	CP0398	-	-	-	\$158,169	\$1,073,650	-	\$1,231,819
Total for Falcon Field Airport		\$10,135,682	\$4,090,843	\$2,117,534	\$4,314,267	\$4,727,844	\$11,250,314	\$36,636,484

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

FIRE

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Fire Apparatus Replacement	CP0095	\$7,237,309	\$2,619,272	\$2,423,733	\$3,152,805	\$3,960,101	\$11,851,684	\$31,244,904
Fire Breathing Apparatus	CP0099	-	\$1,413,633	-	-	-	-	\$1,413,633
Fire Department Admin Project	CP0209	\$23,184	-	-	-	-	-	\$23,184
Fire Operations Center	CP0097	-	-	-	-	\$90,618	\$26,817,124	\$26,907,743
Fire Station 203: Relocation	C10127	\$1,129,383	\$3,311,041	-	-	-	-	\$4,440,424
Fire Station 205: Rebuild	C10120	-	-	-	-	\$412,412	\$8,302,377	\$8,714,789
Fire Station 221: Eastmark	CP0102	-	-	-	-	\$308,827	\$5,350,181	\$5,659,007
Fire Station 222: Battalion Headquarters	C10119	-	-	-	-	\$413,620	\$7,707,500	\$8,121,120
Fire Station 223: Airport	C10124	-	-	-	-	\$1,595,406	\$6,118,276	\$7,713,683
Fire Station 224: NE Mesa	C10128	-	-	-	-	\$1,774,605	\$7,838,806	\$9,613,411
Fire Stations 209, 210: Expansion	C10121	-	-	-	\$188,414	\$2,074,043	-	\$2,262,456
Fire Stations 213, 214: Expansion	C10421	-	-	-	\$198,223	\$2,200,241	-	\$2,398,464
Fire Stations: Land Acquisition for New Stations	CP0103	-	-	-	\$1,348,086	\$1,398,563	\$1,448,084	\$4,194,733
Fire Warehouse	C10134	-	-	-	\$290,054	\$2,651,880	-	\$2,941,934
Mesa Regional Dispatch Center	CP0340	\$1,266,067	\$11,886,844	\$2,845,609	-	-	-	\$15,998,520
Optical Pre-emption and Emergency Traffic Signal Equipment	CP0157	-	-	\$339,433	\$331,744	\$361,020	\$763,650	\$1,795,848
Public Safety Training Facility Improvements: Audio-Visual Training Classroom	C10420	-	-	\$242,910	\$2,226,526	-	-	\$2,469,436
Public Safety Training Facility Improvements: Burn Room	CP0096	\$1,868,425	-	-	-	-	-	\$1,868,425

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

FIRE

<u>Major Program Name</u>	<u>Major Program</u>	<u>FY 14/15</u>	<u>FY 15/16</u>	<u>FY 16/17</u>	<u>FY 17/18</u>	<u>FY 18/19</u>	<u>Future Years</u>	<u>Total</u>
Public Safety Training Facility Improvements: Fire and Police Props, Parking Lot	CP0098	-	-	-	\$266,165	\$2,476,269	-	\$2,742,434
Total for Fire		\$11,524,368	\$19,230,790	\$5,851,685	\$8,002,017	\$19,717,605	\$95,376,995	\$159,703,460

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

GAS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Attaway and Judd Road High Pressure Gas Main	C04037	\$1,925,000	-	-	-	-	-	\$1,925,000
Center Street Gas Line Replacement from University to Brown	C10387	-	-	-	\$41,677	\$436,506	-	\$478,184
CNG Fueling Station	CP0297	\$2,070,500	-	-	-	-	-	\$2,070,500
Cooper Rd. Main Replacement	CP0224	\$32,826	\$331,503	-	-	-	-	\$364,329
District Regulator Station, Skyline and Circle Cross Ranch	C10376	\$226,375	\$2,821,789	-	-	-	-	\$3,048,164
Gas Line Replacement - Quail Run, Roberts to Skyline and Skyline, Quail Run to Camino Largo	C07026	\$1,125,000	-	-	-	-	-	\$1,125,000
Gas Line Retirements	C01454	\$67,643	\$69,839	\$72,100	\$74,747	\$77,524	\$80,221	\$442,074
Gas Main Replacement- Ocotillo Rd - Taylor St to Gantzel Rd	CP0222	\$223,260	-	-	-	-	-	\$223,260
Gas Main Replacements - Magma Service Area	CP0153	\$402,616	\$438,317	\$475,968	\$518,071	\$543,634	\$2,393,033	\$4,771,639
Gas Meters: New and Replacement	CP0156	\$738,739	\$762,388	\$795,831	\$808,730	\$836,707	\$3,577,721	\$7,520,116
Gas Regulator Station 56 Relocation	CP0447	\$262,845	-	-	-	-	-	\$262,845
Gas System: Aging Infrastructure Replacement	CP0155	\$2,196,126	\$2,390,865	\$2,596,234	\$2,825,895	\$2,966,942	\$12,461,926	\$25,437,988
Gas System: New Mains	CP0152	\$3,376,673	\$3,174,308	\$3,389,018	\$3,626,435	\$3,749,178	\$17,137,299	\$34,452,911
Gas System - New Mains	CP0311	\$848,186	-	-	-	-	-	\$848,186
Gas System: New Services	CP0151	\$2,033,365	\$2,153,995	\$2,299,692	\$2,460,795	\$2,544,088	\$11,628,896	\$23,120,830
Gas System - New Services	CP0310	\$25,729	-	-	-	-	-	\$25,729

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

GAS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
High Pressure Gas Main Installations	CP0154	\$614,903	\$657,011	\$701,450	\$750,589	\$775,996	\$3,547,038	\$7,046,987
Magma Communication Tower Upgrades	CP0079	\$27,141	-	-	-	-	-	\$27,141
Magma Road; Hunt Hwy to Johnson Ranch - 4-inch Pipe	C10377	\$50,000	-	-	-	-	-	\$50,000
Magma Utility Service Center	CP0071	-	-	-	\$503,462	-	-	\$503,462
McDowell and Greenfield Regulator Station	CP0076	-	\$26,267	\$309,472	-	-	-	\$335,740
McDowell Road; 80th Street to Hawes Road 4-inch PE	CP0072	-	\$430,886	-	-	-	-	\$430,886
McKellips; Country Club to Hwy 202, IP Gas Main	CP0221	-	-	-	-	\$23,360	\$309,563	\$332,924
McKellips: Lindsay Road to Val Vista Drive HP/IP Gas Main	C10374	-	-	-	-	-	\$1,422,741	\$1,422,741
McKellips Road: North Boulder Mountain to 98th Place 4-inch PE	CP0074	\$15,828	\$190,338	-	-	-	-	\$206,166
Meridian and Combs 4" PE Replacement	CP0223	\$33,106	\$337,768	-	-	-	-	\$370,874
Meridian and Queen Creek GRS97 Redesign	CP0394	\$10,585	-	\$294,268	-	-	-	\$304,853
Meridian Rd Intermediate Pressure Cross-Tie; Queen Creek Rd to Ocotillo Rd	CP0393	\$10,585	\$289,391	-	-	-	-	\$299,976
Power and Elliot Regulator Station	CP0073	\$25,334	\$299,242	-	-	-	-	\$324,576
Power Road and Brown Road Cross-Tie	CP0077	-	\$29,926	\$309,472	-	-	-	\$339,398
Regulator Station, Hawes: McKellips Road to Hermosa Vista 4-inch Steel HP	CP0075	-	\$80,593	\$941,645	-	-	-	\$1,022,238

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

GAS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Regulator Station, Higley; McDowell to Thomas - 4-inch Steel HP	CP0181	-	\$131,045	\$1,548,030	-	-	-	\$1,679,075
Regulator Station Security	C10388	\$52,491	\$56,281	\$58,205	\$60,340	\$60,472	\$245,457	\$533,247
Regulator Station, Thomas and Power - 4-inch Steel HP	C10375	\$57,371	-	-	-	-	-	\$57,371
SCADA System for the Natural Gas Distribution System	C01886	\$595,256	\$269,925	\$67,121	\$92,545	\$80,006	-	\$1,104,852
Southern Avenue: Greenfield Road to 48th Street HP/IP Gas Main	C10373	-	\$26,993	\$520,165	-	-	-	\$547,158
Stapley; University to McKellips - Gas	CP0219	-	-	-	-	\$84,537	\$2,103,434	\$2,187,971
University; Alma School to Country Club - Gas	CP0220	-	-	-	\$31,634	\$805,303	-	\$836,937
Waterline Replacement: 8th Street - Alma School to Country Club	C10385	-	-	\$932,355	-	\$66,520	-	\$998,875
Waterline Replacement QS13A & C	C10586	-	\$331,219	\$3,401,513	-	-	\$2,005,517	\$5,738,249
Waterline Replacement QS13C, QS21A, & QS20D	C10380	\$353,520	\$3,238,995	-	-	-	\$1,571,108	\$5,163,624
Waterline Replacement QS14A & C	C10585	-	-	-	-	-	\$5,278,772	\$5,278,772
Waterline Replacement QS19D	C10587	-	-	-	-	-	\$571,612	\$571,612
Waterline Replacement QS20A & QS20B	C10381	\$271,349	\$2,486,128	-	-	-	-	\$2,757,477
Waterline Replacement QS21D, Clark, and Pepper	C10382	\$174,274	\$1,596,716	-	-	-	-	\$1,770,990
Waterline Replacement QS28B & QS28D	C10383	-	-	-	-	-	\$1,890,099	\$1,890,099
Waterline Replacement QS29A, QS29B, & QS29D	C10384	-	\$215,265	\$1,970,740	-	-	-	\$2,186,005

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

GAS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Waterline Replacement QS36B	C10386	-	\$205,544	\$2,090,820	-	-	-	\$2,296,364
Waterline Replacement QS37C	C10588	-	-	-	-	-	\$710,365	\$710,365
Waterline Replacement QS45A & C	C10589	-	-	-	-	-	\$6,348,484	\$6,348,484
Total for Gas		\$17,846,626	\$23,042,535	\$22,774,101	\$11,794,919	\$13,050,774	\$73,283,286	\$161,792,242

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

GENERAL GOVERNMENT

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
CNG Facilities (East & West)	CP0440	\$7,545,683	-	-	-	-	-	\$7,545,683
Total for General Government		\$7,545,683	-	-	-	-	-	\$7,545,683

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

HEAT INITIATIVE

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Chicago Cubs Spring Training Facility	C10554	\$4,400,000	-	-	-	-	-	\$4,400,000
Cubs/A's Stadium	CP0436	\$59,963	-	-	-	-	-	\$59,963
Cubs Stadium Project Support	CP0187	\$239,600	-	-	-	-	-	\$239,600
Fiesta District Improvements on Dobson, Longmore, Southern and Alma School	C10453	\$4,000,000	-	-	-	-	-	\$4,000,000
Mesa Monument Sign	CP0444	\$16,473	-	-	-	-	-	\$16,473
Mesa Urban Garden Low Impact Development	CP0445	\$18,530	-	-	-	-	-	\$18,530
Oakland Athletics - Hohokam & Fitch Park Renovations	CP0206	\$24,231,438	-	-	-	-	-	\$24,231,438
Red Mountain Library Renovation	CP0189	\$1,487	-	-	-	-	-	\$1,487
Spring Training Multi-use Facility	CP0295	\$4,120,868	-	-	-	-	-	\$4,120,868
Spring Training Paseo Improvements	CP0395	\$44,108	-	-	-	-	-	\$44,108
Total for HEAT Initiative		\$37,132,467	-	-	-	-	-	\$37,430,332

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

INFRASTRUCTURE/LIFECYCLE PLANS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
CIP Project Management Software	LF0040	\$225,826	-	-	-	-	-	\$225,826
Total for Infrastructure/Lifecycle Plans		\$225,826	-	-	-	-	-	\$225,826

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

INTELLIGENT TRANSPORTATION SYSTEM

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Anonymous Re-Identification (ARID) Sensors to Detect Travel Time and Traffic Incidents	C10418	\$886,725	\$26,030	-	-	-	-	\$912,755
ITS - East Valley Arterial Congestion Monitoring	CP0419	\$159,132	\$759,127	-	-	-	-	\$918,259
ITS - Integrate Mesa 9-1-1 Call	CP0420	-	\$42,129	\$80,318	-	-	-	\$122,447
ITS - ITS Technology Hardware	CP0418	\$251,125	\$255,545	\$68,937	-	-	-	\$575,606
ITS - Radio Communications Upgrade	CP0417	\$15,915	\$390,219	-	-	-	-	\$406,134
MAG ITS Projects	CP0109	-	-	-	\$126,781	\$521,964	\$1,072,547	\$1,721,291
West Side Real Time Adaptive Project	C10417	\$597,021	-	-	-	-	-	\$597,021
Total for Intelligent Transportation System		\$1,909,918	\$1,473,049	\$149,255	\$126,781	\$521,964	\$1,072,547	\$5,253,514

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

LIBRARY

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
East Mesa Neighborhood Library	CP0427	-	-	-	-	-	\$20,189,142	\$20,189,142
Main Library Lighting Improvements	CP0431	\$623,172	-	-	-	-	-	\$623,172
Master Plan Main and Red Mountain Library	CP0344	\$46,271	-	-	-	-	-	\$46,271
North Central Neighborhood Library	CP0428	-	-	-	-	-	\$19,278,444	\$19,278,444
Red Mountain Library Staff Offices	CP0446	\$17,118	-	-	-	-	-	\$17,118
Southeast Neighborhood Library	CP0429	-	-	-	-	-	\$16,811,460	\$16,811,460
Total for Library		\$686,561	-	-	-	-	\$56,279,047	\$56,965,608

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

MASS TRANSIT

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Bus Pullouts & Shelters - Citywide	C10432	-	-	-	-	\$425,635	\$649,080	\$1,074,714
Bus Shelter Rehabilitation Phase 1	CP0339	\$56,879	-	-	-	-	-	\$56,879
Central Mesa Light Rail Extension	C09046	\$4,425,841	-	-	-	-	-	\$4,425,841
Central Mesa Light Rail Extension Concurrent Improvements	CP0069	\$3,652,594	-	-	-	-	-	\$3,652,594
Downtown Bus Interface	CP0124	\$1,878,202	-	-	-	\$540,944	-	\$2,419,146
East Mesa Service Center Wash Rack	CP0348	\$29,334	-	-	-	-	-	\$29,334
Gilbert Road Light Rail Extension	CP0296	\$14,043,000	\$44,265,600	\$36,476,375	\$34,451,794	-	-	\$129,236,769
Total for Mass Transit		\$24,085,850	\$44,265,600	\$36,476,375	\$34,451,794	\$966,578	\$649,080	\$140,895,277

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

PARKS & RECREATION

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Baseball Lighting POM	CP0298	\$2,256,217	-	-	\$26,931	\$324,360	\$845,148	\$3,452,656
Buckhorn Baths Site	CP0012	\$2,494,321	\$2,491,706	-	-	-	-	\$4,986,027
Countryside Park Recreation Center Development: Southern & 32nd Street	C10092	-	-	-	-	-	\$13,237,020	\$13,237,020
East District Neighborhood Park #3 (64th St & Holly)	C10043	-	-	-	-	-	\$1,134,814	\$1,134,814
East District Neighborhood Park at Mountain & Adobe	C10017	-	-	-	-	\$1,610,475	-	\$1,610,475
Elliot & Crismon Soccer Fields Development	C10037	-	-	-	-	\$7,515,550	\$11,536,898	\$19,052,448
Existing Park Improvements	CP0226	\$236,660	\$271,597	\$196,460	\$1,503,739	\$6,833,294	\$25,714,471	\$34,756,221
Falcon Field Park Renovation	CP0441	-	-	-	-	\$332,832	\$3,038,471	\$3,371,302
Greenfield Park Urban Fishing Lake	CP0010	-	\$339,166	\$2,160,834	-	-	-	\$2,500,000
Landscape/Irrigation	CP0299	\$4,547,917	\$833,586	\$171,901	-	-	-	\$5,553,405
McDowell and Recker Park Development	CP0122	\$739,098	-	-	-	-	-	\$739,098
McKellips and Ellsworth Park Development	CP0120	\$2,236,380	-	-	-	-	-	\$2,236,380
Medina & Hawes Park Development - Phase I	CP0123	\$662,121	-	-	-	-	-	\$662,121
Mesa City Center	CP0013	\$705,000	-	-	-	-	-	\$705,000
Mesa Jr High Conversion	CP0211	\$3,324,849	-	-	-	-	-	\$3,324,849
Minor Equipment	CP0303	\$576,084	\$271,617	\$1,085,372	-	-	-	\$1,933,073
Monterey Park Expansion	CP0007	-	\$1,502,828	-	-	-	-	\$1,502,828

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

PARKS & RECREATION

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Neighborhood Park Development at Redberry & 81st Street (Thomas and Hawes)	C10039	-	-	-	-	-	\$1,702,221	\$1,702,221
Northeast Metro Park Development at Recker & Thomas	C10053	-	-	-	-	-	\$23,248,000	\$23,248,000
Pioneer Park Renovations	CP0015	\$2,810,123	-	-	-	-	-	\$2,810,123
Playground Upgrades	CP0300	\$1,012,282	\$1,336,121	\$591,273	-	-	-	\$2,939,676
Pool Improvements	CP0301	\$312,244	\$130,000	\$100,001	-	-	-	\$542,246
Recreational Facility Upgrade	CP0302	\$138,246	\$137,499	-	-	-	-	\$275,745
Red Mountain Park	C10038	-	-	-	\$237,253	-	\$31,858,330	\$32,095,583
Rio Salado Pathway Segment 4	CP0332	\$1,850,068	-	-	-	-	-	\$1,850,068
Riverview Park Improvements	CP0448	\$60,000	-	-	-	-	-	\$60,000
Riverview Park Renovation	C11002	\$2,415,251	-	-	-	-	-	\$2,415,251
Signal Butte & Elliot Park Development	CP0121	\$384,388	\$3,015,611	-	-	-	-	\$3,399,999
Southeast Mesa Bike & Pedestrian Path	CP0198	\$606,638	\$943,365	-	-	-	-	\$1,550,003
West Mesa Sports Complex	CP0009	\$8,604,892	-	-	-	-	-	\$8,604,892
Total for Parks & Recreation		\$35,972,779	\$11,273,097	\$4,305,842	\$1,767,923	\$16,616,511	\$112,315,372	\$182,251,523

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

POLICE

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Aviation Unit Hangar Remodel	CP0216	\$207,697	-	-	-	-	-	\$207,697
Communications Building Facility Improvements	CP0214	\$951,627	\$848,372	-	-	-	-	\$1,799,999
Eastside Improvements at Phx-Mesa Gateway Airport	CP0217	-	\$2,000,000	\$3,000,001	-	\$490,304	\$5,310,160	\$10,800,465
Fiesta District Police Station	C02224	\$142,470	-	-	-	-	-	\$142,470
Mesa TOPAZ Wireless Network Lifecycle Planning	C06061	\$210,504	-	-	-	-	-	\$210,504
Metro Facility Improvements Remodel	C10430	-	-	-	-	\$192,980	\$2,472,726	\$2,665,706
Northeast Police Substation	CP0086	-	-	-	\$2,636,145	\$107,365	\$11,569,140	\$14,312,650
Police Aviation	CP0083	-	-	-	-	\$3,648,890	-	\$3,648,890
Police Aviation (Helicopter)	CN0001	\$3,192,316	-	-	-	-	-	\$3,192,316
Police Central Facility Remodel	CP0084	\$180,000	\$1,620,000	-	-	-	-	\$1,800,000
Police Headquarters Remodel	CP0443	-	-	-	\$1,692,091	-	-	\$1,692,091
Police Evidence Freezer	CP0016	\$36,204	-	-	-	-	-	\$36,204
Police Evidence Freezer	CP0442	\$894,245	-	-	-	-	-	\$894,245
Police Holding Facility Improvements	CP0128	\$180,000	\$1,620,000	-	-	-	-	\$1,800,000
Police Range Classrooms	CP0215	-	-	-	\$260,396	\$1,905,857	-	\$2,166,253
Police Shooting Range - Hardening	CP0341	\$1,599,970	-	-	-	-	-	\$1,599,970
Total for Police		\$7,595,033	\$6,088,372	\$3,000,001	\$4,588,632	\$6,345,395	\$19,352,026	\$46,969,459

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

REGIONAL TRANSPORT PLAN

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Dobson Road and University Drive Intersection	C05042	\$596,508	-	-	-	-	-	\$596,508
Mesa Drive: 8th Ave. to Main	C01400	\$7,574,049	\$8,401,460	-	-	-	-	\$15,975,509
Mesa Drive: Southern Avenue to US 60	C01817	\$262,845	-	-	-	-	-	\$262,845
Pecos Road: Ellsworth Road to Meridian Road	C06040	-	-	-	-	\$1,822,751	\$28,766,515	\$30,589,265
Power Road; San Tan Freeway to Pecos Road	C07066	\$4,661,478	-	-	-	-	-	\$4,661,478
Southern Avenue and Country Club Drive Intersection Improvements	C01434	\$39,469	-	\$155,014	\$2,317,020	\$5,946,095	\$6,895,916	\$15,353,514
Southern Avenue and Higley Road Intersection	C06043	-	-	-	-	-	\$10,348,780	\$10,348,780
Southern Avenue and Stapley Drive Intersection Improvements	C01814	\$31,050	-	\$379,785	\$9,092,707	\$8,525,468	\$2,508,534	\$20,537,545
Stapley Drive and University Drive Intersection Improvements	C05041	-	-	-	-	-	\$28,087,439	\$28,087,439
Total for Regional Transport Plan		\$13,165,399	\$8,401,460	\$534,799	\$11,409,727	\$16,294,314	\$76,607,183	\$126,412,882

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

SHARED USE PATHS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Dobson Road 'Complete Streets' Feasibility Study (Main to Loop 202 Red Mtn Fwy)	CP0161	-	-	-	-	-	\$237,558	\$237,558
Dobson Road Pedestrian and Bicycle Route Improvements (Broadway to Main Street)	C06008	\$1,561,307	-	-	-	-	-	\$1,561,307
Fiesta Paseo Pathway and Micro Park	C06037	\$1,482,710	-	-	-	-	(\$0)	\$1,482,710
Gateway Shared Use Path, Power Road to Baseline Road	CP0107	-	-	\$6,277,087	\$1,890,643	-	(\$0)	\$8,167,730
Main Street Bicycle 'Complete Streets' Feasibility Study (Gilbert to Sossaman)	CP0160	-	-	-	-	\$840,123	\$8,618,360	\$9,458,482
Porter Park Pathway	C10460	\$1,745,462	-	-	-	-	\$0	\$1,745,462
Rio Salado Pathway Segment 3	C10469	\$1,232,192	-	-	-	-	-	\$1,232,192
SUP - Bike Share Phase 2	CP0421	\$1,500	\$257,453	\$263,330	\$4,745	\$4,831	\$20,265	\$552,125
SUP - Power Road: Loop 202 Red Mtn Fwy to north City limits	CP0423	-	-	-	-	-	\$2,105,204	\$2,105,204
SUP - South Canal: McKellips to Power	CP0422	-	-	-	-	\$116,679	\$10,834,527	\$10,951,206
West Mesa Connector Shared Use Path	CP0108	\$3,411,493	-	-	-	-	-	\$3,411,493
Total for Shared Use Paths		\$9,434,664	\$257,453	\$6,540,417	\$1,895,388	\$961,633	\$21,815,915	\$40,905,470

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

STORM SEWER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
90th Street & Butternut Avenue Drainage Improvements	CP0415	\$331,152	-	-	-	-	-	\$331,152
Mesa Drive Pedestrian Plazas	CP0273	\$1,004,905	-	-	-	-	-	\$1,004,905
Total for Storm Sewer		\$1,336,057	-	-	-	-	-	\$1,336,057

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

STREETS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
10th Street (Multi-modal)	CP0343	\$1,200,000	-	-	-	-	-	\$1,200,000
2013 Streets Cityshare	CN0003	\$1,000,000	\$1,000,000	\$1,000,001	\$999,999	-	-	\$4,000,000
Arterial Reconstruction 2013 Bond Election	CP0439	\$9,406,030	\$8,649,601	\$4,138,784	-	-	-	\$22,194,415
Arterial Reconstruction - Ineligible Sections of RTP Projects	C10433	-	-	-	-	-	\$1,565,824	\$1,565,824
Arterial Street Reconstruction Group 2	C10558	-	-	-	-	\$911,427	-	\$911,427
Arterial Street Reconstruction Group 3	C10559	-	-	-	-	-	\$240,837	\$240,837
Bridge Sidewalk Ramp Improvements	CP0185	\$115,170	-	-	-	-	-	\$115,170
Broadway Road: Dobson Road to Country Club Drive	CP0029	-	-	-	-	\$1,025,384	\$25,906,375	\$26,931,759
Broadway Road: Sossaman to Hawes Road	C01716	\$4,377,321	-	-	-	-	-	\$4,377,321
Country Club and University Intersection Improvements	CP0028	-	-	-	-	\$154,851	\$26,170,024	\$26,324,876
Country Club Drive and Brown Road Intersection Improvements	CP0060	-	-	-	-	\$137,975	\$1,419,520	\$1,557,495
Crismon and US 60 Dual Left Turn Conversion	CP0283	\$40,676	-	-	-	-	-	\$40,676
Design Concept Review Germann & Sossaman Intersection	CN0004	\$55,000	-	-	-	-	-	\$55,000
Fiesta District Improvements Phase II	CP0275	\$2,000,000	\$8,000,000	-	-	-	-	\$10,000,000
Greenfield Road; Southern Avenue to University Drive	CP0057	-	-	-	-	\$3,302,217	\$5,772,261	\$9,074,478

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

STREETS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Lindsay Road and Brown Road Intersection Improvements	CP0059	-	-	-	-	\$669,379	\$7,332,152	\$8,001,531
McKellips and Lindsay Intersection Improvements	CP0052	-	-	-	-	-	\$2,243,584	\$2,243,584
McKellips at Greenfield Intersection Improvements	C10370	-	-	-	-	\$344,457	\$5,778,893	\$6,123,350
McKellips Road and Higley Road Intersection Improvements	CP0064	-	-	-	-	\$503,354	\$11,860,180	\$12,363,534
McKellips Road and Val Vista Drive Intersection Improvements	CP0056	-	-	\$232,894	\$4,012,297	-	-	\$4,245,191
McKellips Road Intersection Improvements at Recker and Power Roads	CP0063	-	-	-	-	-	\$276,439	\$276,439
Mesa Drive: Main to University Drive	C10561	\$913,074	\$10,763,454	-	-	\$24,249	\$270,581	\$11,971,359
Power Road: East Maricopa Floodway (EMF) to Loop 202 Santan Freeway	CP0104	-	-	-	-	-	\$14,148,675	\$14,148,675
Railroad Quiet Zone	CP0426	\$205,000	\$208,608	-	-	-	-	\$413,608
Right-of-way Improvements	CP0279	\$224,595	\$2,600,000	\$300,000	-	-	-	\$3,124,594
Rusted Streetlight Pole Replacement	CP0432	\$350,000	\$700,000	\$700,000	\$350,000	-	-	\$2,100,000
Rusted Streetlight Pole Replacements	C09027	\$700,000	\$712,320	\$362,144	-	-	-	\$1,774,464
Southern Avenue and Higley Road Intersection Improvements	CP0061	-	-	-	-	\$62,941	\$659,112	\$722,052
Southern Avenue and Lindsay Road Intersection Improvements	CP0058	-	-	-	-	\$1,482,214	\$7,939,558	\$9,421,772
Speed Cushions	CP0449	\$21,660	-	-	-	-	-	\$21,660

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

STREETS

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
SRP Improvements to Baseline: Consolidated Canal to Power Project	CP0425	\$890,243	-	-	-	-	-	\$890,243
Street Construction, Intersection Improvements, and Streetlights	C06074	\$1,500,000	\$1,526,400	\$517,348	-	-	-	\$3,543,748
Street Light Management System	CP0106	-	-	-	-	-	\$3,682,290	\$3,682,290
Streets - Economic Development	CP0342	\$4,040,278	\$4,061,819	\$3,092,574	-	-	-	\$11,194,670
Traffic Signals - New & Upgrades	C01365	\$1,105,474	\$970,670	\$901,275	\$933,867	\$950,867	-	\$4,862,154
Traffic Signals - New & Upgrades	CP0312	\$250,424	-	-	-	-	-	\$250,424
Transportation Arterial Overlay: Stapley; 8th Street to University	C10560	-	-	-	-	\$455,714	-	\$455,714
University & Ellsworth Intersection Improvements	C10164	-	-	-	-	\$1,007,133	\$10,253,122	\$11,260,255
Union Pacific Crossing Improvements Dobson and Alma School	CP0184	\$301,007	-	-	-	-	-	\$301,007
Val Vista Drive: Baseline Road to North of Southern Avenue	CP0105	-	-	-	-	\$2,120,346	\$11,801,618	\$13,921,964
Val Vista Drive: Southern Avenue to University Drive	CP0062	-	-	-	-	\$180,954	\$16,156,948	\$16,337,902
Warner Road: Power Road to Ellsworth Road	CP0037	\$329,183	\$3,036,425	-	-	-	-	\$3,365,608
Warner Road: Power to Sossaman	C10562	-	-	-	-	\$207,125	\$19,222,295	\$19,429,420
Total for Streets		\$29,025,135	\$42,229,296	\$11,245,018	\$6,296,163	\$13,540,587	\$172,700,289	\$275,036,489

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

TOWN CENTER DEVELOPMENT

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Mesa CAN Tenant Improvements	CP0346	\$83,347	-	-	-	-	-	\$83,347
Total for Town Center Development		\$83,347	-	-	-	-	-	\$83,347

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WASTEWATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Baseline Road Sewer - Signal Butte to Meridian	CP0047	-	-	-	-	-	\$1,122,197	\$1,122,197
Ellsworth Rd Sewer - McKellips to Omega	CP0049	-	-	-	-	-	\$826,689	\$826,689
McKellips Rd Sewer - Hawes to Ellsworth Sewer	CP0048	-	-	-	-	\$64,489	\$638,114	\$702,603
6th Street Sulfide Control Station Rehabilitation	CP0040	\$55,386	\$596,668	-	-	-	-	\$652,054
91st Ave Wastewater Treatment Plant Upgrades (Mesa Share)	CP0141	\$1,985,945	\$3,762,459	\$5,341,286	\$8,310,552	\$2,871,897	\$11,539,922	\$33,812,060
Alma School Sulfide Control Station Rehabilitation	CP0259	-	-	-	-	-	\$672,168	\$672,168
Baseline Interceptor Sulfide Control Station	CP0382	\$162,633	\$2,351,781	-	-	-	-	\$2,514,414
Broadway Road Sewer Line Replacement: Horne to Williams	CP0038	\$1,446,079	-	-	-	-	-	\$1,446,079
Center St. Lift Station & Sulfide Control Station Rehabilitation	CP0260	-	-	-	-	\$82,537	\$907,442	\$989,979
Diversion Structures Rehabilitation	C01687	\$95,925	-	-	-	-	-	\$95,925
Dobson Road Odor Control Facilities	C10326	\$26,477	-	-	-	-	-	\$26,477
Eagle Crest Lift Station Access Easement	CP0379	\$127,305	-	-	-	-	-	\$127,305
Eagle Crest Lift Station Rehabilitation	CP0043	-	-	\$69,936	\$654,579	-	-	\$724,515
Ellsworth (Florian) Sulfide Control Station Rehabilitation	CP0261	-	-	-	-	-	\$685,171	\$685,171
Ellsworth Rd. Sewer: Elliot to Ray	CP0376	-	\$251,720	\$2,115,197	-	-	-	\$2,366,917

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WASTEWATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Filters for Brown Road Water Treatment Plant	C10602	\$86,999	-	-	-	-	-	\$86,999
Gilbert Rd. Sewer - Thomas Rd. to Lehi Lift Station	CP0262	-	-	-	-	-	\$860,170	\$860,170
Greenfield Wastewater Reclamation Plant Expansion (Mesa Share Only)	CP0067	\$3,901,386	\$12,847,196	\$49,890,122	\$42,646,726	-	-	\$109,285,430
Greenfield Water Reclamation Plant Equipment Replacement	CP0145	\$688,554	\$587,945	\$980,429	\$1,102,726	\$951,586	\$1,606,918	\$5,918,158
Greenfield Water Reclamation Plant Improvements	CP0045	\$615,466	\$694,930	\$92,805	\$854,616	-	-	\$2,257,817
Greenfield Water Reclamation Plant Primary Odor Control Expansion	C10335	\$1,804,338	-	-	-	-	-	\$1,804,338
Greenfield Water Reclamation Plant Pumpback Station	C10427	-	-	-	-	\$1,136,478	\$16,759,959	\$17,896,436
GWRP Headworks & Solids Building Duct Upgrades	CP0263	\$1,090,395	-	-	-	-	-	\$1,090,395
Higley Road Lift Station & Force Main	C10283	-	-	-	-	\$78,531	\$983,480	\$1,062,011
Horne Sulfide control Station Rehabilitation	CP0264	-	-	-	-	-	\$672,168	\$672,168
Ivyglen Sulfide Control Station Rehabilitation	CP0039	\$523,722	-	-	-	-	-	\$523,722
Life Station Equipment Replacement	CP0385	\$57,778	\$58,795	\$59,783	\$60,924	\$59,427	\$249,262	\$545,969
Mountain Rd. Sewer - Southern to US 60	CP0265	-	-	-	-	-	\$265,054	\$265,054
Noche de Paz SCS Rehab	CP0050	-	-	-	-	\$56,125	\$620,691	\$676,816

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WASTEWATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Northwest Water Reclamation Plant Aeration System Improvements	C10478	\$1,354,194	\$2,637,181	-	-	-	-	\$3,991,375
Northwest Water Reclamation Plant Equipment Replacement	CP0147	\$141,143	\$117,589	\$119,564	\$127,941	\$124,066	\$498,525	\$1,128,827
Northwest Water Reclamation Plant Landscaping	C06071	\$16,612	-	-	-	-	-	\$16,612
Northwest Water Reclamation Plant Facilities Upgrade	C07020	\$3,958,487	-	-	-	-	-	\$3,958,487
Northwest Water Reclamation Plant Phosphorous Removal	C10424	-	-	-	-	\$209,313	\$2,071,147	\$2,280,461
NWWRP Filter Rehabilitation	CP0266	\$4,649,857	-	-	-	-	-	\$4,649,857
NWWRP Grit Removal	CP0384	\$271,983	\$3,033,593	-	-	-	-	\$3,305,576
NWWRP Perimeter Wall	CP0267	\$93,642	-	-	-	-	-	\$93,642
NWWRP Odor Control System Replacements	CP0046	\$1,660,500	-	-	-	-	-	\$1,660,500
Odor Control Station Equipment Replacement	CP0386	\$28,889	\$29,397	\$29,891	\$30,462	\$29,713	\$124,631	\$272,984
Pecos Road Relief Sewer, Ellsworth to Power	C10282	-	-	\$430,729	\$4,571,342	-	-	\$5,002,072
Phoenix Mesa Gateway Airport Northeast Area Development Plan	CP0375	-	\$189,449	\$1,164,485	-	-	-	\$1,353,934
Phoenix Mesa Gateway Airport Northeast Area Development Plan	CP0374	-	\$58,795	\$364,336	-	-	-	\$423,131
Ranier Lift Station and Sulfide Control Station Rehabilitation	CP0042	\$271,705	-	-	-	-	-	\$271,705
Rehabilitate Broadway Lift Station	C10580	\$823,948	-	-	-	-	-	\$823,948

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WASTEWATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Rehabilitate Falcon Well 5 Sulfide Control Station	CP0391	-	-	-	-	-	\$1,027,756	\$1,027,756
Rehabilitate Granite Mountain Lift Station/Sulfide Control Station	CP0392	-	-	-	-	-	\$702,961	\$702,961
Rehabilitate Las Sendas Sulfide Control Station	CP0390	-	-	-	-	-	\$1,008,253	\$1,008,253
Rehabilitate Noche de Paz Lift Station	CP0388	-	-	-	-	\$88,039	\$907,442	\$995,482
Rehabilitate Star Valley Lift Station/Sulfide Control Station	CP0389	-	-	-	\$90,259	\$1,240,659	-	\$1,330,919
Rittenhouse Road Sewer: Power Road to East Maricopa Interceptor	C09005	\$30,115	\$2,509,575	-	-	-	-	\$2,539,690
Sewer Line Extensions to Unsewered Areas	CP0149	\$544,668	\$578,564	\$588,284	\$599,519	\$610,431	\$2,452,849	\$5,374,315
Sewer Line Rehabilitation	CP0383	\$1,155,553	\$1,175,891	\$3,586,937	\$3,655,445	\$3,565,592	\$14,955,738	\$28,095,156
SEWRP Filter Rehab (Tertiary Filter #1 Replacement)	CP0381	\$2,228,707	-	-	-	-	-	\$2,228,707
Singal Butte Rd. Sewer - Southern to US 60	CP0270	-	-	-	-	-	\$361,984	\$361,984
Small Wastewater Line Repair/Replacement	CP0142	\$1,002,450	\$1,064,834	\$1,082,723	\$1,103,403	\$1,123,486	\$4,514,417	\$9,891,313
Small Wastewater Line Repair/Replacement FY 13-14 POM	CP0327	\$64,902	-	-	-	-	-	\$64,902
Southeast Water Reclamation Plant Disinfection	C05009	\$385,000	-	-	-	-	-	\$385,000
Southeast Water Reclamation Plant Equipment Replacement	CP0146	\$110,700	\$117,589	\$245,107	\$121,848	\$124,066	\$523,171	\$1,242,480
Southeast Water Reclamation Plant Grit Removal Facilities	CP0203	\$2,722,698	-	-	-	-	-	\$2,722,698

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WASTEWATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Southeast Water Reclamation Plant Improvements	C05010	\$4,398,573	-	-	-	-	-	\$4,398,573
Southeast Water Reclamation Plant New Maintenance Bldg. Mods & Main Locker Room Improvements	CP0380	\$272,650	-	-	-	-	-	\$272,650
Southern Avenue Metering Station Electrical Rehab	C10582	\$70,806	-	-	-	-	-	\$70,806
US 60 Sewer - Meridian to Signal Butte	CP0271	-	-	-	-	-	\$801,644	\$801,644
Vanguard Lift Station and Sulfide Control Station Rehabilitation	CP0044	\$332,283	-	-	-	-	-	\$332,283
Warner Lift Station Modifications	C05007	\$707,457	-	-	-	-	-	\$707,457
Wastewater Asset Management	CP0148	\$415,531	\$441,390	\$448,806	\$457,377	\$465,702	\$1,871,296	\$4,100,102
Wastewater Manhole Rehabilitation	CP0140	\$768,834	\$782,365	\$795,509	\$810,703	\$825,459	\$3,608,088	\$7,590,959
Wastewater Oversize and Extensions - Cityshare for Oversizing	CP0143	\$153,750	\$163,318	\$166,061	\$169,233	\$165,074	\$692,395	\$1,509,831
Wastewater System: Compliance Lab Equipment Replacement	CP0150	\$12,480	-	-	-	-	\$422,739	\$435,219
Williams Field Road Sewer: Ellsworth to Mountain	C10425	-	\$2,602,768	-	-	-	-	\$2,602,768
Total for Wastewater		\$41,316,505	\$36,653,790	\$67,571,993	\$65,367,657	\$13,872,668	\$74,954,443	\$299,737,056

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
12-inch Waterline in Grand Canyon Drive and Silver Street	CP0252	-	-	\$78,603	\$996,363	-	-	\$1,074,965
12-inch Waterline in Mustang Street	CP0254	-	-	-	\$133,954	\$800,432	-	\$934,386
12-inch Waterline SE Loop Road	CP0253	-	\$90,369	\$615,647	\$354,028	-	-	\$1,060,044
16-inch Well Collection Line from Desert Well 11 to Pecos	CP0243	-	-	-	-	-	\$172,777	\$172,777
16-inch Well Collection Line from Desert Well 14 to Desert Well 11	CP0240	-	-	-	-	-	\$55,753	\$55,753
16-inch Well Collection Line from Desert Well10 to DWGWF	CP0235	-	-	-	-	-	\$20,649	\$20,649
16-inch Well Collection Line from Desert Well 11 to DWGWF	CP0233	-	-	-	-	-	\$20,649	\$20,649
16-inch Well Collection Line from Desert Well 6 to Desert Well12	CP0242	-	-	-	-	-	\$932,988	\$932,988
16" Well Collection Line In Pecos Rd to Desert Well 5	CP0356	-	-	-	-	-	\$20,649	\$20,649
20-inch Desert Wells Waterline Williams Field from Ellsworth to Signal Butte	CP0248	-	-	-	-	-	\$342,946	\$342,946
20-inch Well Collection Line from Desert Well14 to Desert Well11	CP0239	-	-	-	-	-	\$1,403,006	\$1,403,006
20-inch Well Collection Line from Desert Well 6 to Desert Well 10	CP0241	-	-	-	-	-	\$1,166,235	\$1,166,235
20-inch Well Collection Line from Desert Well 8 to Desert Well 7	CP0245	-	-	\$74,561	\$1,227,923	-	-	\$1,302,484
24-inch Desert Wells Waterline Crismon Rd from Williams Field to Pecos	CP0247	-	-	-	-	-	\$2,635,951	\$2,635,951

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
24-inch Falcon Field Waterline Pecos Rd from DWGWF to Ellsworth	CP0246	-	-	-	-	-	\$2,803,111	\$2,803,111
24-inch Well Collection Line from DWF10 to DW11	CP0238	-	-	-	-	-	\$1,403,006	\$1,403,006
24-inch Well Collection Line from DWF7 to Pecos	CP0244	-	-	\$74,561	\$1,227,923	-	-	\$1,302,484
Brooks Reservoir Roof Replacement	CP0227	-	-	-	-	\$88,039	\$905,202	\$993,241
Brown Road Water Treatment Plant Misc. Improvements	C07011	\$1,480,624	\$905,938	\$685,789	-	\$226,481	\$3,830,031	\$7,128,863
Brown Road Water Treatment Plant Pump Station Surge Mitigation	CP0034	\$3,417,314	-	-	-	-	-	\$3,417,314
City Well #10 Collection Pipeline	CP0020	\$201,916	-	-	-	-	-	\$201,916
City Well #13 Re-drill	CP0025	-	-	-	\$55,357	\$1,352,364	\$1,312,319	\$2,720,040
City Well #14 Re-drill	CP0030	\$59,235	-	-	-	-	-	\$59,235
City Well #15 Re-drill and Equip	CP0354	-	-	-	-	-	\$2,710,144	\$2,710,144
City Well #16 Re-drill and Equip	CP0355	-	-	-	-	-	\$347,413	\$347,413
City Well #7 Re-drill	C10474	\$1,049,969	\$1,233,448	-	-	-	-	\$2,283,417
City Well #8 Re-drill	CP0031	\$1,259,595	\$1,233,448	-	-	-	-	\$2,493,043
City Well #9 Re-drill	CP0032	-	-	\$53,028	\$1,242,564	\$1,270,440	-	\$2,566,032
Corrosion Protection for Steel Reservoirs	CP0362	\$74,233	-	-	-	-	-	\$74,233
County Line Pump Station 2 Upgrades	C10577	\$300,000	-	-	-	-	-	\$300,000
Crismon Well Collection Line: 1/2 Mile South to Ray	C10407	-	-	-	-	-	\$932,988	\$932,988

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Crismon Well Collection Line: Elliot South 1/2 Mile to DMB Well #1	C10404	-	-	-	-	\$1,313,666	-	\$1,313,666
Crismon Well Collection Line: Half Mile South to Warner	C10405	-	-	-	-	\$77,245	\$1,258,675	\$1,335,920
Crismon Well Collection Line: Warner South 1/2 Mile	C10406	-	-	-	-	-	\$1,144,076	\$1,144,076
Desert Well #18 Equip	C03080	\$69,542	\$1,150,422	-	-	-	-	\$1,219,964
Desert Well 19	C05032	\$1,222,252	\$1,210,668	-	-	-	-	\$2,432,920
Desert Well 20 Drill and Equip	C05033	-	\$57,132	\$1,260,887	\$1,254,519	-	-	\$2,572,538
Desert Wells Ground Water Facilities	CP0053	\$524,984	-	-	-	-	\$4,221,690	\$4,746,674
Desert Wells Zone Well Site Acquisition	C04048	\$262,492	\$267,112	\$271,599	\$276,787	\$275,123	\$280,075	\$1,633,188
Disinfection-By-Products (DBP) Mitigation	C02389	\$6,831	-	-	-	-	-	\$6,831
DMB Well 1 on Crismon between Elliot and Warner (DW-F1)	C10395	-	-	-	\$59,717	\$1,308,356	\$1,300,344	\$2,668,418
DMB Well 2 on Crismon at Approx Warner	C10403	-	-	-	\$55,357	\$1,308,356	\$1,300,344	\$2,664,057
Drill and Equip Non-Potable Well for Southeast Mesa	CP0066	-	\$57,132	\$1,246,514	\$1,221,495	-	-	\$2,525,141
DW Groundwater Well DW-F5 - New	CP0350	-	-	-	-	-	\$1,417,046	\$1,417,046
DW Groundwater Well DW-F8 - New	CP0351	-	-	-	-	-	\$290,600	\$290,600
Elliot Road: Hawes to Sossaman Road; 30-inch Falcon Field Waterline	CP0054	-	-	\$234,662	\$3,019,193	-	-	\$3,253,855

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Elliot Road: Signal Butte to Hawes Road; 42-inch Falcon Field Waterline	CP0055	-	\$1,017,162	\$6,528,711	\$7,932,491	-	-	\$15,478,365
Ellsworth Road 20-inch Waterline: SR 24 to Pecos Rd.	C10413	-	\$265,702	\$3,429,908	-	-	-	\$3,695,610
Ellsworth Road Wastewater Line; Ray Road to State Route 24	C10462	\$147,755	\$1,608,436	-	-	-	-	\$1,756,191
Falcon Field Pump Station at Signal Butte Water Treatment Plant	C10578	\$115,759	\$863,306	\$877,810	-	-	-	\$1,856,876
Filter Underdrain Replacement at Brown Rd WTP Filters 13-18	CP0024	\$422,507	\$4,556,120	\$2,396,211	\$2,297,367	\$2,410,076	\$9,908,000	\$21,990,280
Fire Alarm Upgrade at Utilities Building	CP0179	\$89,292	-	-	-	-	-	\$89,292
Fire Hydrant Meters	CP0130	\$10,500	\$10,685	\$10,864	\$11,072	\$11,005	\$46,160	\$100,286
Fire Hydrant Replacement	CP0134	\$284,694	\$296,762	\$301,747	\$307,511	\$305,662	\$1,398,639	\$2,895,014
Hawes Road 24-inch Waterline: Elliot to 202	C10411	-	-	-	-	\$308,138	\$3,274,318	\$3,582,456
Lindsay Reservoir Roof Replacement	CP0228	-	-	-	-	\$128,317	\$1,319,897	\$1,448,215
Meridian Drive 12-inch Waterline: Guadalupe Road South to SRP Easement	C10410	\$55,690	\$572,372	-	-	-	-	\$628,062
New DW Groundwater Well DW-F11	CP0234	-	-	-	-	\$268,413	\$1,417,046	\$1,685,458
New DW Groundwater Well DW-F6	CP0236	-	-	-	-	-	\$1,657,793	\$1,657,793
New DW Groundwater Well DW-F7	CP0237	-	-	-	-	-	\$1,670,321	\$1,670,321
Non-Potable Waterline for Southeast Mesa	CP0065	-	-	\$50,783	\$993,261	-	-	\$1,044,044

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Pasadena Pump Station Improvements	C01606	\$318,699	-	-	-	-	-	\$318,699
Pasadena Reservoir 42" Line Rehabilitation	CP0337	\$1,933,847	-	-	-	-	-	\$1,933,847
Phx Mesa Gateway Airport NE Area Development Plan 16" Waterline in Gateway Blvd	CP0358	-	\$294,891	\$1,716,119	-	-	-	\$2,011,010
Pressure Reducing Valve Station Replacements - Citywide	C10391	\$329,931	\$280,575	-	-	-	-	\$610,506
Pump Motor & VFD Replacements and Rehab	CP0361	\$265,117	\$269,783	\$274,316	\$279,555	\$277,875	\$1,280,778	\$2,647,423
Radio Communication Upgrade at Remote Water Facilities	CP0360	-	\$80,134	\$212,650	\$216,711	\$50,795	-	\$560,290
Re-coat Fire Protection Reservoirs at Phx-Mesa Gateway Airport	CP0364	\$286,117	-	-	-	-	-	\$286,117
Replace Aging Water Infrastructure	C04046	-	-	-	\$2,512,691	\$2,558,424	\$7,612,819	\$12,683,935
Replace Mag Meters at Remote Water Facilities	CP0359	\$63,628	\$43,166	\$75,711	\$33,547	\$22,230	\$93,243	\$331,523
SBWTP Phase II expansion to 36 MGD plus Second 87.5 MG Reservoir	CP0372	-	-	-	-	-	\$3,740,269	\$3,740,269
Signal Butte 30-inch DW Waterline: Warner to Ray	C10408	-	-	-	-	\$3,298,172	-	\$3,298,172
Signal Butte: Ray Road to Pecos Road 16-inch Waterline	C09009	-	-	-	-	\$242,108	\$2,465,657	\$2,707,765
Signal Butte Reservoir Rehab (Replace doors and hatches)	CP0363	\$106,047	-	-	-	-	-	\$106,047
Signal Butte: Reuban Street to Warner Road - 30-inch Waterline	C04053	-	-	-	-	\$143,064	\$1,456,979	\$1,600,043
Signal Butte Water Treatment Plant	C01600	\$4,585,172	\$4,924,871	\$63,708,992	\$53,095,729	-	-	\$126,314,764

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Signal Butte Well Collection Line - DW #18 to Reuban Street	C10394	\$57,328	\$598,574	-	-	-	-	\$655,902
Signal Butte Well Collection Line - DW #18 to Warner	C10400	\$94,497	\$1,072,396	-	-	-	-	\$1,166,893
Sossaman Rd Waterline: Pecos to 1/2 mile North of Williams Field Road	C09013	\$2,594,956	-	-	-	-	-	\$2,594,956
Street Improvements Medina & Hawes	CP0255	\$846,603	-	-	-	-	-	\$846,603
Transfer Station 2 Pump Addition	C10401	-	-	-	-	\$119,160	-	\$119,160
Transfer Station 3 Improvements	C10392	\$698,284	\$6,731,397	-	-	-	-	\$7,429,681
Upgrade Chlorine Equipment at Well Sites	CP0231	-	-	-	-	-	\$545,654	\$545,654
Upgrade Electrical Equipment at Well Site	CP0232	-	-	-	-	-	\$1,083,289	\$1,083,289
Upper Zone Reliability Improvements - Pump Station Upgrades	C10279	\$1,961,618	-	-	-	-	-	\$1,961,618
Val Vista Pipelines to City Zone Reservoirs and Val Vista Water Treatment Plant	C10597	\$24,676,792	\$9,038,739	-	-	-	-	\$33,715,531
Val Vista Water Treatment Plant - Mesa Share	C10319	\$2,643,977	\$4,580,688	\$4,853,645	\$2,056,476	\$2,076,599	\$9,231,937	\$25,443,322
Warner Road 16-inch Waterline: Power to Ellsworth	C10412	-	-	-	-	\$309,934	\$3,186,672	\$3,496,606
Water and Wastewater Improvements for ASU Polytechnic - Phase II and III	C06010	\$2,810,029	-	-	-	-	-	\$2,810,029
Water Asset Management System	CP0136	\$1,296,041	\$1,350,956	\$1,373,652	\$1,399,888	\$1,425,367	\$3,975,109	\$10,821,012

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Water Extensions and Oversized Mains	CP0131	\$212,094	\$215,827	\$219,453	\$223,644	\$222,299	\$932,426	\$2,025,743
Water Facility Security Enhancements	C10450	\$165,001	\$68,381	\$34,547	-	-	-	\$267,929
Waterline from Central Arizona Project to Signal Butte Water Treatment Plant	C01645	\$517,625	\$10,262,445	-	-	-	-	\$10,780,070
Waterline Replacement: Center Street- University to 9th Place	C10414	-	\$88,374	\$842,469	-	-	-	\$930,844
Waterline Replacement Horne from Marilyn Ave to Southern Ave (replace 12-inch ACP with 16-inch DIP)	CP0366	\$990,646	-	-	-	-	-	\$990,646
Waterline Replacement QS55A	CP0250	\$281,489	\$2,893,080	-	-	-	-	\$3,174,569
Waterline Replacement QS55D	CP0249	\$94,244	\$968,626	-	-	-	-	\$1,062,870
Waterline Replacement QS91D	C10595	\$1,084,759	-	-	-	-	-	\$1,084,759
Waterline Replacement QS93D	C10488	\$1,598,238	-	-	-	-	-	\$1,598,238
Water Meter Replacements	CP0138	\$745,478	\$779,967	\$814,799	\$852,504	\$869,388	\$3,879,770	\$7,941,906
Water Meter Vault Rehab	CP0132	\$959,374	\$966,412	\$982,648	\$1,001,416	\$995,395	\$4,175,146	\$9,080,390
Water Meter Vault Rehab	CP0322	\$57,993	-	-	-	-	-	\$57,993
Water Services Extension and Replacements	CP0129	\$212,094	\$215,827	\$219,453	\$223,644	\$222,299	\$932,426	\$2,025,743
Water Services Extension and Replacements	CP0319	\$427	-	-	-	-	-	\$427
Water System Aging Main Rehab and Repairs	CP0318	\$398,350	-	-	-	-	-	\$398,350
Water System: Aging Main Rehabilitation and Repairs	CP0033	\$2,330,931	\$2,371,955	\$107,091	\$2,457,869	\$3,664,636	\$15,371,175	\$26,303,658

Operations Summary

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Capital Improvement Program 2015-2019

Program Summary - Capital Expenses

WATER

Major Program Name	Major Program	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Water System: Compliance Lab Replacements	CP0139	\$20,159	-	-	\$1,993	\$1,238	\$372,516	\$395,906
Water Transmission Main Replacements: 3rd Street, 6th Street, and Sirrine	CP0023	-	-	-	-	-	\$5,652,858	\$5,652,858
Water Utility Retirements	C01464	\$78,205	\$79,956	\$82,544	\$85,575	\$88,753	\$91,842	\$506,874
Water Valve Replacement	CP0135	\$258,813	\$269,783	\$274,316	\$279,555	\$284,643	\$1,165,534	\$2,532,644
Well DW-F3	CP0026	-	-	-	-	\$58,846	\$2,617,466	\$2,676,312
Well DW-F4	CP0027	-	-	-	-	-	\$2,727,007	\$2,727,007
White Mountain Apache Water Settlement	C09011	\$3,884,884	\$3,953,258	-	-	-	-	\$7,838,142
Total for Water		\$70,514,671	\$67,796,273	\$93,984,290	\$87,387,675	\$28,383,338	\$125,511,411	\$473,577,659
Grand Total		\$342,685,000	\$271,912,197	\$261,395,937	\$247,995,972	\$142,646,845	\$862,940,123	\$2,129,576,074

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, the projects reported in this summary are not representative of total project cost.

major program summary - start-up and operational expenses



Program Summary - Start-up and Operational Expenses

Facilities Maintenance

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Enterprise Fund									
Chicago Cubs Spring Training Facility	C10554	3005	\$45,000	-	-	-	-	-	\$45,000
Total for Enterprise Fund			\$45,000	-	-	-	-	-	\$45,000
Total for Facilities Maintenance			\$45,000	-	-	-	-	-	\$45,000

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Fire and Medical

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
General Fund									
Fire Apparatus Replacement	CP0095	1101	\$1,027,548	\$277,388	\$300,724	\$475,044	\$521,516	\$2,770,913	\$5,373,132
Fire Station 221: Eastmark	CP0102	1101	-	-	-	\$1,535,291	-	-	\$1,535,291
Fire Station 224: NE Mesa	C10128	1101	-	-	-	-	-	\$1,780,621	\$1,780,621
Total for General Fund			\$1,027,548	\$277,388	\$300,724	\$2,010,335	\$521,516	\$4,551,534	\$8,689,044
Total for Fire and Medical			\$1,027,548	\$277,388	\$300,724	\$2,010,335	\$521,516	\$4,551,534	\$8,689,044

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Parks, Recreation and Commercial Facilities

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Capital - General Fund									
Greenfield Park Urban Fishing Lake	CP0010	1301	-	-	\$31,041	-	-	-	\$31,041
McDowell and Recker Park Development	CP0122	1301	\$30,000	-	-	-	-	-	\$30,000
McKellips and Ellsworth Park Development	CP0120	1301	\$15,000	\$15,264	-	-	-	-	\$30,264
Medina & Hawes Park Development	CP0123	1301	-	\$101,760	-	-	-	-	\$101,760
Mesa Aquatic Complex	CP0212	1301	\$80,000	\$81,408	-	-	-	-	\$161,408
Mesa Jr High Conversion	CP0211	1301	-	\$61,056	-	-	-	-	\$61,056
Monterey Park Expansion	CP0007	1301	-	\$30,528	\$31,041	-	-	-	\$61,569
Pioneer Park Renovations	CP0015	1301	-	\$25,440	\$25,867	-	-	-	\$51,307
Signal Butte & Elliot Park Development	CP0121	1301	-	-	\$31,041	-	-	-	\$31,041
West Mesa Sports Complex	CP0009	1301	-	\$111,936	-	-	-	-	\$111,936
Total for Capital - General Fund			\$125,000	\$427,392	\$118,990	-	-	-	\$671,382

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Parks, Recreation and Commercial Facilities

General Fund

Buckhorn Baths Site	CP0012	1101	\$100,000	-	-	-	-	-	\$100,000
Greenfield Park Urban Fishing Lake	CP0010	1101	-	-	\$213,745	-	-	-	\$213,745
McDowell and Recker Park Development	CP0122	1101	\$57,552	-	-	-	-	-	\$57,552
McKellips and Ellsworth Park Development	CP0120	1101	\$30,253	\$30,785	-	-	-	-	\$61,038
Medina & Hawes Park Development	CP0123	1101	-	\$54,613	-	-	-	-	\$54,613
Mesa Aquatic Complex	CP0212	1101	\$119,485	\$125,497	-	-	-	-	\$244,982
Mesa Jr High Conversion	CP0211	1101	-	\$187,468	-	-	-	-	\$187,468
Monterey Park Expansion	CP0007	1101	-	\$69,161	\$70,323	-	-	-	\$139,484
Museum & Cultural Resource Expansion (Federal Building)	CP0213	1101	-	\$101,760	-	-	-	-	\$101,760
Parks Bond Projects Placeholder	CP0183	1101	\$339,201	\$370,122	\$48,994	-	-	-	\$758,317
Pioneer Park Renovations	CP0015	1101	-	\$35,316	\$35,909	-	-	-	\$71,225
Rio Salado Pathway Segment 3	C10469	1101	-	\$9,922	-	-	-	-	\$9,922
Riverview Park Renovation	C11002	1101	\$291,857	-	-	-	-	-	\$291,857
Signal Butte & Elliot Park Development	CP0121	1101	-	-	\$107,822	-	-	-	\$107,822
Southeast Mesa Bike & Pedestrian Path	CP0198	1101	-	-	\$20,177	-	-	-	\$20,177
Spring Training Multi-use Facility	CP0295	1101	\$216,464	-	-	-	-	-	\$216,464
West Mesa Connector Shared Use Path	CP0108	1101	\$18,525	\$18,851	-	-	-	-	\$37,376
West Mesa Sports Complex	CP0009	1101	-	\$321,155	-	-	-	-	\$321,155

Total for General Fund			\$1,173,337	\$1,324,650	\$496,970	-	-	-	\$2,994,956
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Total for Parks, Recreation and Commercial Facilities			\$1,298,337	\$1,752,042	\$615,960	-	-	-	\$3,666,338
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Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Transportation

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
General Fund									
Optical Pre-emption and Emergency Traffic Signal Equipment	CP0157	1101	-	\$30,724	\$31,719	\$32,884	\$34,106	\$71,920	\$201,353
Total for General Fund			-	\$30,724	\$31,719	\$32,884	\$34,106	\$71,920	\$201,353
Highway User Revenue Fund									
Anonymous Re-Identification (ARID) Sensors to Detect Travel Time and Traffic Incidents	C10418	1206	-	\$26,488	-	-	-	-	\$26,488
Oak Street Basin	C02239	1206	-	-	-	\$48,937	-	-	\$48,937
Southern Avenue and Country Club Drive Intersection Improvements	C01434	1206	-	-	-	-	-	\$24,017	\$24,017
Traffic Signals - New and Upgrades	C01365	1206	\$26,775	\$27,644	\$28,539	\$29,588	-	-	\$112,546
West Side Real Time Adaptive Project	C10417	1206	\$26,173	-	-	-	-	-	\$26,173
Total for Highway User Revenue Fund			\$52,948	\$54,132	\$28,539	\$78,525	-	\$24,017	\$238,162
Local Streets Sales Tax									
10th Street (Multi-modal)	CP0343	1205	-	-	\$11,382	-	-	-	\$11,382
Fiesta District Improvements Phase II	CP0275	1205	-	-	\$25,609	-	-	-	\$25,609
Fiesta Paseo Pathway and Micro Park	C06037	1205	-	\$17,603	-	-	-	-	\$17,603
Gateway Shared Use Path, Power Road to Baseline Road	CP0107	1205	-	-	-	-	\$6,802	-	\$6,802
Porter Park Pathway	C10460	1205	-	\$6,110	-	-	-	-	\$6,110
Southern Avenue and Stapley Drive Intersection Improvements	C01814	1205	-	-	-	-	-	\$23,934	\$23,934
Stapley Drive and University Drive Intersection Improvements	C05041	1205	-	-	-	-	-	\$24,992	\$24,992
SUP - Bike Share Phase 2	CP0421	1205	-	-	-	-	-	\$5,192	\$5,192
Total for Local Streets Sales Tax			-	\$23,713	\$36,990	-	\$6,802	\$54,117	\$121,622
Total for Transportation			\$52,948	\$108,570	\$97,248	\$111,410	\$40,907	\$150,054	\$561,136

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Transit Services

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Transit Fund									
Bus Pullouts & Shelters - Citywide	C10432	1103	-	-	\$66,751	-	-	-	\$66,751
Central Mesa Light Rail Extension	C09046	1103	\$582,000	\$3,459,840	-	-	-	-	\$4,041,840
Gilbert Road LRT Extension	CP0296	1103	-	-	-	\$659,036	\$2,684,125	-	\$3,343,161
Southern Avenue and Country Club Drive Intersection Improvements	C01434	1103	-	-	-	-	-	\$1,466	\$1,466
Southern Avenue and Stapley Drive Intersection Improvements	C01814	1103	-	-	-	-	-	\$1,990	\$1,990
Stapley Drive and University Drive Intersection Improvements	C05041	1103	-	-	-	-	-	\$1,110	\$1,110
Total for Transit Fund			\$582,000	\$3,459,840	\$66,751	\$659,036	\$2,684,125	\$4,567	\$7,456,319
Total for Transit Services			\$582,000	\$3,459,840	\$66,751	\$659,036	\$2,684,125	\$4,567	\$7,456,319

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Wastewater

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Enterprise Fund									
Greenfield Wastewater Reclamation Plant Expansion (Mesa Share Only)	CP0067	3005	-	-	\$160,989	\$1,692,372	-	-	\$1,853,362
Total for Enterprise Fund			-	-	\$160,989	\$1,692,372	-	-	\$1,853,362
Total for Wastewater			-	-	\$160,989	\$1,692,372	-	-	\$1,853,362

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

Program Summary - Start-up and Operational Expenses

Water

Project Description	Project Number	Fund	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Total
Enterprise Fund									
Signal Butte Water Treatment Plant	C01600	3005	-	-	-	\$1,878,829	-	-	\$1,878,829
Total for Enterprise Fund			-	-	-	\$1,878,829	-	-	\$1,878,829
Total for Water			-	-	-	\$1,878,829	-	-	\$1,878,829
Grand Total			\$3,005,833	\$5,597,839	\$1,241,672	\$6,351,982	\$3,246,548	\$9,744,470	\$29,188,345

Operations Summary

Major capital improvement projects often require a multi-year design and construction period. Therefore, operations and maintenance costs may be a result of projects that were completed in a prior fiscal year

economic investment



Five Year Capital Improvement Program

Economic Investment

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Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

General Government

Project Number and Name

CP0440 - Compressed Natural Gas Facilities (East & West)

Project Description

Construct compressed natural gas facilities at East and West service centers to be used by City vehicles.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Solid Waste Bond Construction	\$8,528	\$7,545,683	\$7,554,211
Total	\$8,528	\$7,545,683	\$7,554,211

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$7,287,325	-	-	-	-	-	\$7,287,325
Direct Expenses	\$3,188	-	-	-	-	-	\$3,188
CIP Administration	\$255,170	-	-	-	-	-	\$255,170
Total	\$7,545,683	-	-	-	-	-	\$7,545,683

Economic Investment Major Program Detail Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

C10554 - Chicago Cubs Spring Training Facility

Project Description

Construct a new 13,500 - 15,000 seat capacity Major League Spring Training stadium near the Price Freeway (SR 101) and Red Mountain Freeway (SR 202) Interchange in northwest Mesa. Completed in 2014, remaining budget is due to the timing of final contract payments.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Enterprise Fund	-	\$45,000	\$45,000
Spring Training Bond Construction	\$3,170	-	\$3,170
Total	\$3,170	\$45,000	\$48,170

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Spring Training Bond Construction	\$92,661,705	\$4,400,000	\$97,061,705
Total	\$92,661,705	\$4,400,000	\$97,061,705

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$11,500	-	-	-	-	-	\$11,500
Construction	\$4,388,500	-	-	-	-	-	\$4,388,500
CIP Administration	-	-	-	-	-	-	-
Total	\$4,400,000	-	-	-	-	-	\$4,400,000

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0187 - Cubs Stadium Project Support

Project Description

Fund City staff direct and indirect costs associated with the Cubs Spring Training Facility.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$2,494,968	\$537,465	\$3,032,433
Total	\$2,494,968	\$537,465	\$3,032,433

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$20,000	-	-	-	-	\$290,600	\$310,600
Direct Expenses	\$211,690	-	-	-	-	-	\$211,690
CIP Administration	\$7,910	-	-	-	-	\$7,265	\$15,175
Total	\$239,600	-	-	-	-	\$297,865	\$537,465

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0436 - Directional Signage for Spring Training Facilities

Project Description

Install freeway directional signage for the City's spring training facilities.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	\$377	\$59,963	\$60,340
Total	\$377	\$59,963	\$60,340

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$57,916	-	-	-	-	-	\$57,916
CIP Administration	\$2,047	-	-	-	-	-	\$2,047
Total	\$59,963	-	-	-	-	-	\$59,963

Economic Investment Major Program Detail Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

C10453 - Fiesta District Improvements on Dobson, Longmore, Southern and Alma School

Project Description

The Fiesta Improvement District is a multifaceted project with the goal of improving the area near the Fiesta Mall. The City of Mesa anticipates that this project will help revitalize the area and define the Fiesta Mall area as a unique, vibrant commercial district and destination within Mesa. Enhancements include vehicular, pedestrian, and bicyclist traffic changes as well as landscaping, lighting and signage improvements.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$1,362	-	\$1,362
Streets Bond Construction	\$8,043,619	\$4,000,000	\$12,043,619
Total	\$8,044,981	\$4,000,000	\$12,044,981

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$35,217	-	-	-	-	-	\$35,217
Land Acquisition	-	-	-	-	-	-	-
Construction	\$3,824,783	-	-	-	-	-	\$3,824,783
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$140,000	-	-	-	-	-	\$140,000
Total	\$4,000,000	-	-	-	-	-	\$4,000,000

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0206 - Hohokam Stadium & Fitch Park Renovations

Project Description

Renovate the facilities at Hohokam Stadium and Fitch Park for future use.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	\$11,113,217	\$11,113,217
Spring Training Bond Construction	\$6,260,495	\$13,118,221	\$19,378,716
Total	\$6,260,495	\$24,231,438	\$30,491,933

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$376,837	-	-	-	-	-	\$376,837
Construction	\$23,030,958	-	-	-	-	-	\$23,030,958
Direct Expenses	\$10,426	-	-	-	-	-	\$10,426
CIP Administration	\$813,217	-	-	-	-	-	\$813,217
Total	\$24,231,438	-	-	-	-	-	\$24,231,438

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0444 - Mesa Monument Sign

Project Description

Construct a freeway monument sign on Loop 202 in the Riverview area with 'Welcome to Mesa' illuminated lettering.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$8,001	\$16,473	\$24,474
Total	\$8,001	\$16,473	\$24,474

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$15,916	-	-	-	-	-	\$15,916
CIP Administration	\$557	-	-	-	-	-	\$557
Total	\$16,473	-	-	-	-	-	\$16,473

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0445 - Mesa Urban Garden Low Impact Development

Project Description

Install specially designed landscaping and curbing improvements to capture and beneficially reuse storm water runoff to be located directly in front of the Mesa Urban Garden (MUG) in a right-of-way area. The project would allow City staff to evaluate low impact development practices, as required by the City's municipal storm water permit issued by the Arizona Department of Environmental Quality.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Environmental Compliance Fee	-	\$630	\$630
Grants - Gen. Gov.	-	\$17,900	\$17,900
Total	-	\$18,530	\$18,530

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$11,000	-	-	-	-	-	\$11,000
Construction	\$6,900	-	-	-	-	-	\$6,900
CIP Administration	\$630	-	-	-	-	-	\$630
Total	\$18,530	-	-	-	-	-	\$18,530

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0189 - Red Mountain Library Renovation

Project Description

Renovate existing facilities to improve the patron experience at Red Mountain Library.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$283,450	\$1,487	\$284,937
Total	\$283,450	\$1,487	\$284,937

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$1,437	-	-	-	-	-	\$1,437
Construction	-	-	-	-	-	-	-
CIP Administration	\$50	-	-	-	-	-	\$50
Total	\$1,487	-	-	-	-	-	\$1,487

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0295 - Spring Training Multi-Use Facility

Project Description

Convert the northeast area of Riverview Park to multi-use fields to support the community recreational and parking needs of the spring training facilities.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$216,464	\$216,464
Total	-	\$216,464	\$216,464

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	\$1,248,468	\$1,248,468
Spring Training Bond Construction	-	\$2,872,400	\$2,872,400
Total	-	\$4,120,868	\$4,120,868

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$198,699	-	-	-	-	-	\$198,699
Construction	\$3,501,657	-	-	-	-	-	\$3,501,657
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$420,512	-	-	-	-	-	\$420,512
Total	\$4,120,868	-	-	-	-	-	\$4,120,868

Economic Investment Major Program Detail Fiscal Years FY 14/15 - FY 18/19

HEAT Initiative

Project Number and Name

CP0395 - Spring Training Paseo Improvements

Project Description

In coordination with the Sheraton Hotel development, install a roadway and parking additions along the existing Paseo.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$28,399	\$44,108	\$72,507
Total	\$28,399	\$44,108	\$72,507

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$42,551	-	-	-	-	-	\$42,551
CIP Administration	\$1,557	-	-	-	-	-	\$1,557
Total	\$44,108	-	-	-	-	-	\$44,108

Economic Investment Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

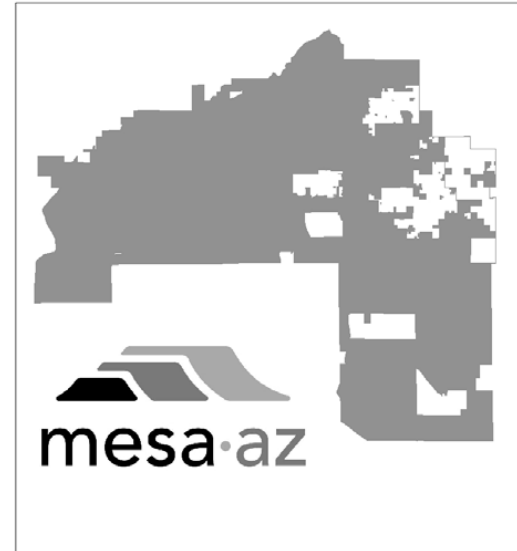
Town Center Development

Project Number and Name

CP0346 - Mesa Community Action Network (CAN) Tenant Improvements

Project Description

Repair, remodel, and reconstruct approximately 4,700 square feet of office space including interior finishes, cabinetry, electrical/lighting systems, mechanical systems, plumbing and Information Technology systems.



City Wide

Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$55,787	\$83,347	\$139,134
Total	\$55,787	\$83,347	\$139,134

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$80,214	-	-	-	-	-	\$80,214
CIP Administration	\$3,133	-	-	-	-	-	\$3,133
Total	\$83,347	-	-	-	-	-	\$83,347



City of Mesa

Five-Year Capital
Improvement Program
FY 2015 - 2019

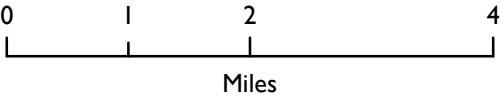
ECONOMIC INVESTMENT
PROJECTS

LEGEND

- Project Locations
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6

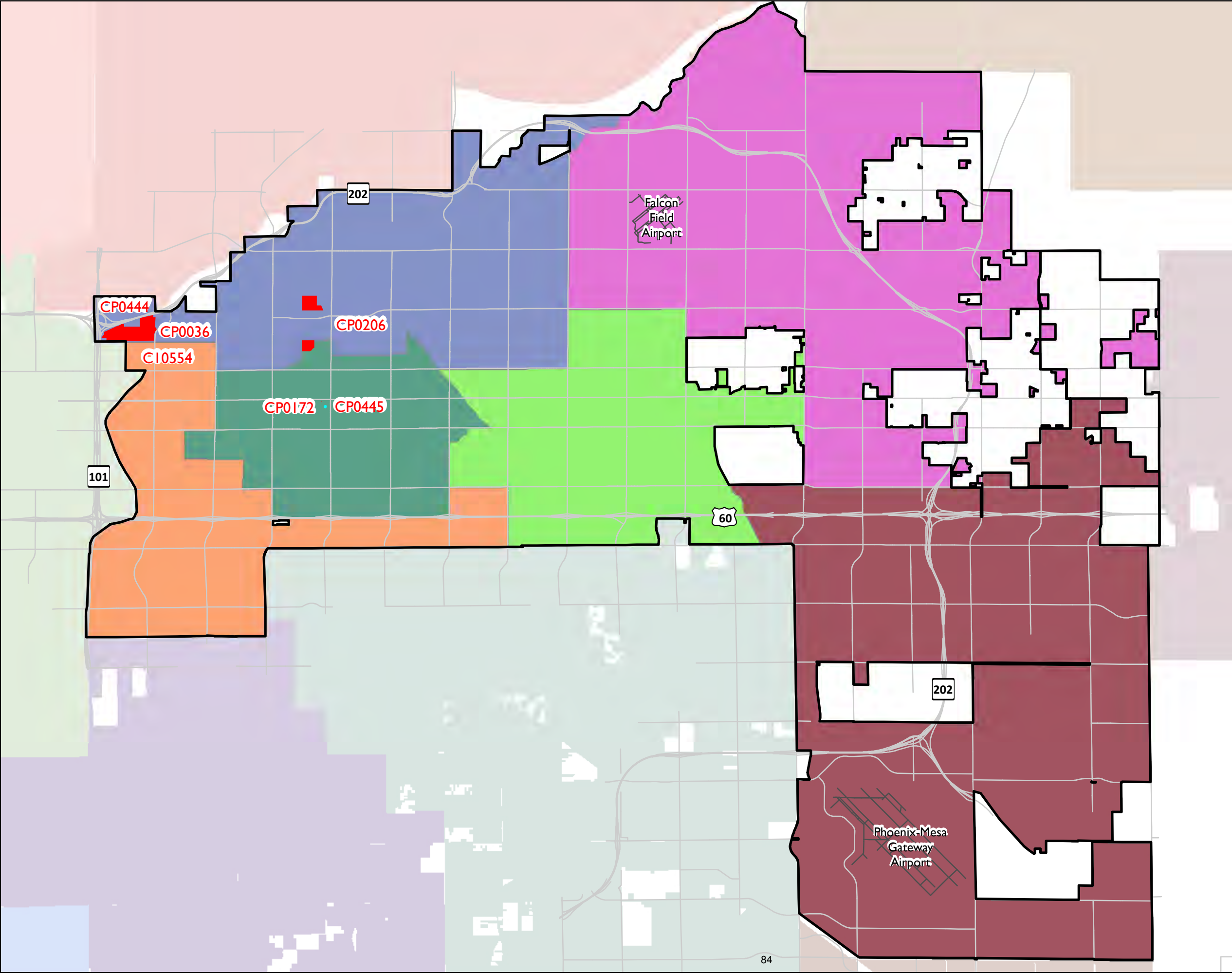
Citywide, External or Location TBD Projects

CP0197 CP0295



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MAP CREATED BY: Engineering-GIS

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parks and culture



Five Year Capital Improvement Program

Parks and Culture

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Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

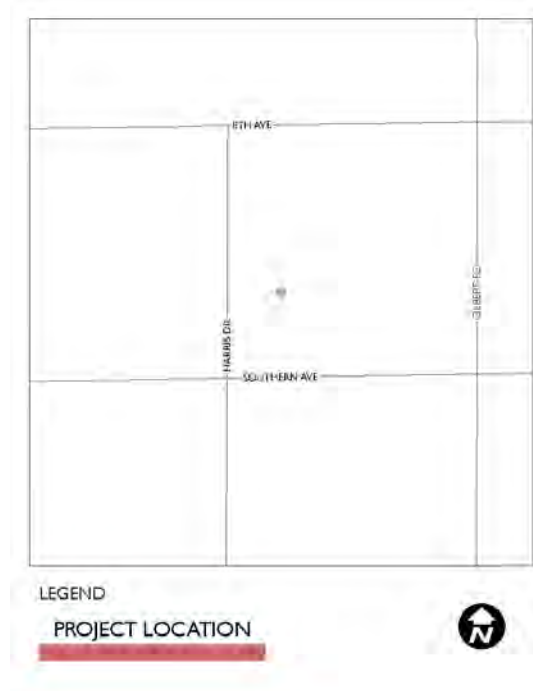
Aquatics

Project Number and Name

CP0212 - Mesa Aquatic Complex

Project Description

The Mesa Aquatic Complex will generally consist of a ten-lap lane pool with a dive tank and a multi-purpose leisure pool with interactive play features which may include a lazy river. Other planned amenities include spectator bleachers, a bath house/operations office, small classroom, and a vending area. The facility is planned for an opening by Summer 2015.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$161,408	\$161,408
General Fund	-	\$244,982	\$244,982
Total	-	\$406,390	\$406,390

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$512,109	\$7,762,203	\$8,274,312
Total	\$512,109	\$7,762,203	\$8,274,312

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$637,000	-	-	-	-	-	\$637,000
Construction	\$6,837,603	-	-	-	-	-	\$6,837,603
Direct Expenses	\$25,058	-	-	-	-	-	\$25,058
CIP Administration	\$262,542	-	-	-	-	-	\$262,542
Total	\$7,762,203	-	-	-	-	-	\$7,762,203

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Arts And Culture

Project Number and Name

CP0213 - Museum & Cultural Resource Expansion (Federal Building)

Project Description

The old Federal Building in Downtown Mesa is planned for renovation to allow for expansion of museum exhibit space, offices, and museum collection processing and storage.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$101,760	\$101,760
Total	-	\$101,760	\$101,760

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$509,540	\$2,542,724	\$3,052,264
Total	\$509,540	\$2,542,724	\$3,052,264

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$2,448,434	-	-	-	-	-	\$2,448,434
Direct Expenses	\$5,333	-	-	-	-	-	\$5,333
CIP Administration	\$88,957	-	-	-	-	-	\$88,957
Total	\$2,542,724	-	-	-	-	-	\$2,542,724

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Arts And Culture

Project Number and Name

CP0347 - 21st Century Cafe (ArtPlace Grant)

Project Description

This project is part of a larger initiative to enhance to north plaza of Mesa Arts Center as a community gathering place, designed for social opportunities, arts experiences, and active participation in a variety of creative pursuits. The project itself will create an interactive art platform in the form of a kiosk with multiple multi-media screens, at least two of which will have opportunities for public participation.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$863	\$300,000	\$300,863
Mesa Arts Center Restoration Fee	-	\$10,145	\$10,145
Total	\$863	\$310,145	\$311,008

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$28,986	-	-	-	-	-	\$28,986
Construction	\$271,014	-	-	-	-	-	\$271,014
CIP Administration	\$10,145	-	-	-	-	-	\$10,145
Total	\$310,145	-	-	-	-	-	\$310,145

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Cemetery

Project Number and Name

CP0210 - Future Cemetery Expansion

Project Description

This project funded the acquisition of vacant property adjacent to the existing cemetery for future expansion. Future phases include design and construction of areas of the cemetery planned for expansion upon reaching near capacity in existing sections.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Cemetery	\$355,588	-	\$355,588
Cemetery Reserve	-	\$3,799,379	\$3,799,379
Total	\$355,588	\$3,799,379	\$4,154,966

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$40,000	-	-	-	\$53,683	\$56,741	\$150,423
Land Acquisition	-	-	-	-	-	-	-
Construction	\$125,000	\$508,800	\$879,492	-	-	\$2,135,664	\$3,648,955
CIP Administration	-	-	-	-	-	-	-
Total	\$165,000	\$508,800	\$879,492	-	\$53,683	\$2,192,404	\$3,799,379

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Community Development

Project Number and Name

CP0333 - Oakwood Creative Care Rehabilitation Project

Project Description

This project will renovate a portion of the City-owned building located at 247 N. MacDonald. Renovations will include new flooring; paint; upgrades to the existing heating, ventilation, and air-conditioning systems; replacement of the main entry-way doors and windows; remodel of the kitchen and bathrooms; replacement of light fixtures, exit systems, and emergency lighting; and addition of exterior signage.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$15,690	\$15,690
Community Development Block Grant	\$77,491	\$579,046	\$656,537
Total	\$77,491	\$594,736	\$672,227

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$31,464	-	-	-	-	-	\$31,464
Construction	\$547,582	-	-	-	-	-	\$547,582
CIP Administration	\$15,690	-	-	-	-	-	\$15,690
Total	\$594,736	-	-	-	-	-	\$594,736

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Library

Project Number and Name

CP0431 - Main Library Lighting Improvements

Project Description

The lighting project at the Main Library would include relamping and new ballasts for the first and second floors and replacing all T12 and T8 lighting packages with 3rd generation lights and electronic ballast in the basement. Exterior building lights would be upgraded and replaced with CFL, induction, or LED while parking and walk way lights to be replaced with LED fixtures. The changes should result in both energy and cost savings.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$1,117	\$623,172	\$624,289
Total	\$1,117	\$623,172	\$624,289

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$51,500	-	-	-	-	-	\$51,500
Construction	\$558,701	-	-	-	-	-	\$558,701
CIP Administration	\$12,971	-	-	-	-	-	\$12,971
Total	\$623,172	-	-	-	-	-	\$623,172

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Library

Project Number and Name

CP0344 - Master Plan Main and Red Mountain Library

Project Description

Develop long-term master plan for facility needs at the Main and Red Mountain library campuses.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Special Programs Fund	\$52,288	\$46,271	\$98,559
Total	\$52,288	\$46,271	\$98,559

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$44,346	-	-	-	-	-	\$44,346
CIP Administration	\$1,925	-	-	-	-	-	\$1,925
Total	\$46,271	-	-	-	-	-	\$46,271

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Library

Project Number and Name

CP0446 - Red Mountain Library Staff Offices

Project Description

Red Mountain Library was originally built with just one office for the Branch Coordinator. Over time, two supervisors were added to the team and were given two former storage spaces to use as offices. The spaces were too small and their location just off the public entrance was extremely noisy. The construction of two new offices allowed supervisors be located within the staff work room and the entire area was reconfigured to create a collaborative meeting space for staff.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$18,362	\$17,118	\$35,480
Total	\$18,362	\$17,118	\$35,480

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$16,510	-	-	-	-	-	\$16,510
CIP Administration	\$608	-	-	-	-	-	\$608
Total	\$17,118	-	-	-	-	-	\$17,118

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0298 - Baseball Lighting

Project Description

Replace existing wooden poles and outdated fixtures lighting sports fields in school-owned sites used for recreational teams during non-school hours and in parks.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$0	\$0
Parks Bond Construction	\$1,206,058	\$3,452,656	\$4,658,714
Total	\$1,206,058	\$3,452,656	\$4,658,714

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$268,595	-	-	\$26,020	\$313,391	\$816,567	\$1,424,573
Construction	\$1,911,324	-	-	-	-	-	\$1,911,324
CIP Administration	\$76,298	-	-	\$911	\$10,969	\$28,581	\$116,759
Total	\$2,256,217	-	-	\$26,931	\$324,360	\$845,148	\$3,452,656

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0012 - Buckhorn Baths Site

Project Description

Provide funding for the City to begin working with the current landowners and community preservation leaders to identify opportunities for reuse of the Buckhorn Baths site. This is the top recipient of votes through the iMesa grassroots citizen investment and improvement effort to develop transformational community projects in Mesa.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$100,000	\$100,000
Total	-	\$100,000	\$100,000

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	-	-
Parks Bond Construction	\$16,189	\$4,986,027	\$5,002,215
Total	\$16,189	\$4,986,027	\$5,002,215

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$2,391,234	-	-	-	-	\$2,391,234
Land Acquisition	\$2,325,239	-	-	-	-	-	\$2,325,239
Direct Expenses	-	\$13,261	-	-	-	-	\$13,261
CIP Administration	\$169,082	\$87,210	-	-	-	-	\$256,292
Total	\$2,494,321	\$2,491,706	-	-	-	-	\$4,986,027

**Parks & Culture Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

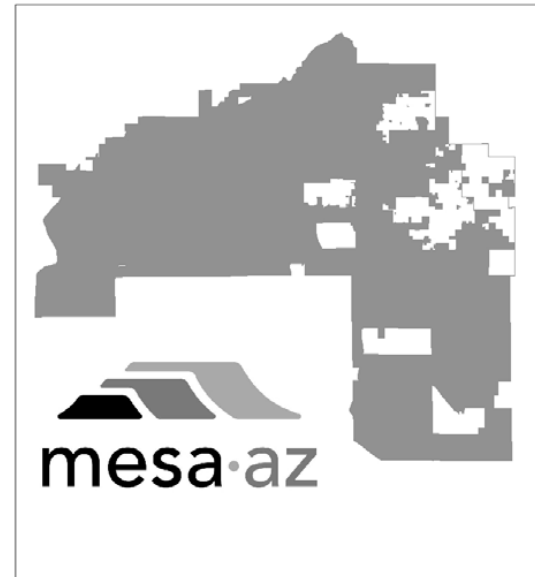
Parks & Recreation

Project Number and Name

CP0226 - Existing Park Improvements

Project Description

The city plans to upgrade aging playgrounds, sports field lights, and irrigation systems as well as adding playground shade throughout the City of Mesa. Specific projects will be identified based on programming needs and available funding.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$32,294,915	\$32,294,915
General Fund	-	\$0	\$0
Parks Bond Construction	-	\$2,461,306	\$2,461,306
Total	-	\$34,756,221	\$34,756,221

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$7,441	\$82,776	\$206,621	\$353,564	-	\$650,401
Construction	\$175,000	\$89,040	\$98,164	\$1,276,029	\$6,432,087	\$25,674,703	\$33,745,023
Purchases	\$61,660	\$174,925	\$15,520	-	-	-	\$252,106
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	-	\$191	-	\$21,089	\$47,643	\$39,768	\$108,692
Total	\$236,660	\$271,597	\$196,460	\$1,503,739	\$6,833,294	\$25,714,471	\$34,756,221

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0301 - Existing Pool Improvements

Project Description

Replace aging pool infrastructure such as pool shell plaster and update pool amenities to meet current customer requests.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$210,872	\$512,246	\$723,118
Parks Bond Construction	-	\$30,000	\$30,000
Total	\$210,872	\$542,246	\$753,118

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$301,561	\$125,450	\$96,501	-	-	-	\$523,512
CIP Administration	\$10,683	\$4,551	\$3,500	-	-	-	\$18,734
Total	\$312,244	\$130,000	\$100,001	-	-	-	\$542,246

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0010 - Greenfield Park Urban Fishing Lake

Project Description

Construct a 5-acre urban fishing lake. This will create a great amenity for the park and utilize the expanded water volume to irrigate the entire park landscape and turf area. Improvements include 4 urban fishing stations and a tree-lined lake promenade is designed with benches and places to sit that overlook the lake. A new passenger drop off and additional parking is also included.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$31,041	\$31,041
General Fund	-	\$213,745	\$213,745
Total	-	\$244,786	\$244,786

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	-	\$2,500,000	\$2,500,000
Total	-	\$2,500,000	\$2,500,000

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$339,166	\$2,160,834	-	-	-	\$2,500,000
Total	-	\$339,166	\$2,160,834	-	-	-	\$2,500,000

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0299 - Landscape/Irrigation Improvements

Project Description

Upgrade park and basin irrigation systems. The upgrades will conserve water and improve the health of plant life through greater efficiency in water delivery.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$639,962	\$639,962
Environmental Compliance Fee	\$73,989	-	\$73,989
Parks Bond Construction	\$68,439	\$4,913,442	\$4,981,881
Total	\$142,427	\$5,553,405	\$5,695,832

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$39,410	-	-	-	-	-	\$39,410
Construction	\$4,424,058	\$833,586	\$171,901	-	-	-	\$5,429,546
CIP Administration	\$84,449	-	-	-	-	-	\$84,449
Total	\$4,547,917	\$833,586	\$171,901	-	-	-	\$5,553,405

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0122 - McDowell and Recker Park Development

Project Description

Construct a 16-acre community park featuring non-motorized trails through native desert vegetation and a 60-foot high knoll. The plan includes a one-mile multi-use walking/hiking trail that will be the key backbone trail. This trail will feature scenic overlooks and will be designed for most user skill levels.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$30,000	\$30,000
General Fund	-	\$57,552	\$57,552
Total	-	\$87,552	\$87,552

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$99,864	\$739,098	\$838,962
Total	\$99,864	\$739,098	\$838,962

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$30,296	-	-	-	-	-	\$30,296
Construction	\$682,354	-	-	-	-	-	\$682,354
Direct Expenses	\$1,455	-	-	-	-	-	\$1,455
CIP Administration	\$24,993	-	-	-	-	-	\$24,993
Total	\$739,098	-	-	-	-	-	\$739,098

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0120 - McKellips and Ellsworth Park Development

Project Description

Construct Phase I of a community park on a 58-acre parcel of native desert land adjacent to Zaharis Elementary School. In this phase, the northwest 22 acres will be developed as a passive park with equal amounts of native desert and rolling open turf. An existing desert arroyo will be enhanced to develop an interpretive and educational desert riparian habitat experience. This area will provide a trail corridor and outdoor desert laboratory for student use.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$30,264	\$30,264
General Fund	-	\$61,038	\$61,038
Total	-	\$91,302	\$91,302

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$142,461	\$2,236,380	\$2,378,841
Total	\$142,461	\$2,236,380	\$2,378,841

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$102,034	-	-	-	-	-	\$102,034
Construction	\$2,071,838	-	-	-	-	-	\$2,071,838
Direct Expenses	\$4,366	-	-	-	-	-	\$4,366
CIP Administration	\$58,142	-	-	-	-	-	\$58,142
Total	\$2,236,380	-	-	-	-	-	\$2,236,380

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0123 - Medina & Hawes Park Development - Phase I

Project Description

Construct a 9-acre neighborhood park with phase one addition of a kids climbing structure and a series of meandering trails winding through recreated desert with contoured topography to enhance the otherwise flat land.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$101,760	\$101,760
General Fund	-	\$54,613	\$54,613
Total	-	\$156,373	\$156,373

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$50,000	\$50,000
Parks Bond Construction	\$98,382	\$612,121	\$710,503
Total	\$98,382	\$662,121	\$760,503

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$103,421	-	-	-	-	-	\$103,421
Construction	\$534,736	-	-	-	-	-	\$534,736
Direct Expenses	\$1,574	-	-	-	-	-	\$1,574
CIP Administration	\$22,390	-	-	-	-	-	\$22,390
Total	\$662,121	-	-	-	-	-	\$662,121

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

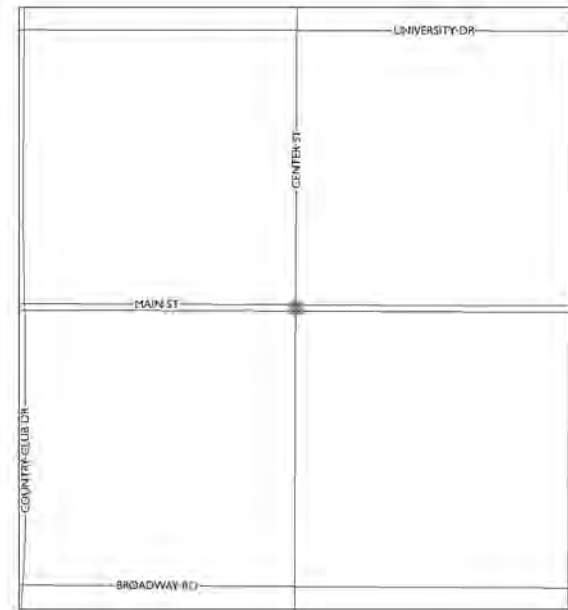
Parks & Recreation

Project Number and Name

CP0013 - Mesa City Center

Project Description

Develop conceptual plans with input from community stakeholders to create an events plaza, pedestrian mall, and public gathering places in the downtown area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$19,426	\$705,000	\$724,426
Total	\$19,426	\$705,000	\$724,426

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$676,488	-	-	-	-	-	\$676,488
Direct Expenses	\$3,837	-	-	-	-	-	\$3,837
CIP Administration	\$24,675	-	-	-	-	-	\$24,675
Total	\$705,000	-	-	-	-	-	\$705,000

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0211 - Mesa Jr High Conversion

Project Description

Mesa Public Schools has determined that enrollment patterns no longer support Mesa Junior High School and the 2011/2012 school year was its last. The majority of the buildings on this campus are in need of significant renovation. The school district has asked the City to partner on converting the campus into a 30-acre recreational sports complex. Features proposed for inclusion are four lighted youth baseball fields, two lighted adult softball fields, and four lighted soccer fields.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$61,056	\$61,056
General Fund	-	\$187,468	\$187,468
Total	-	\$248,524	\$248,524

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	-	-
Parks Bond Construction	\$133,188	\$3,324,849	\$3,458,037
Total	\$133,188	\$3,324,849	\$3,458,037

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$254,777	-	-	-	-	-	\$254,777
Construction	\$3,061,155	-	-	-	-	-	\$3,061,155
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$8,917	-	-	-	-	-	\$8,917
Total	\$3,324,849	-	-	-	-	-	\$3,324,849

**Parks & Culture Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

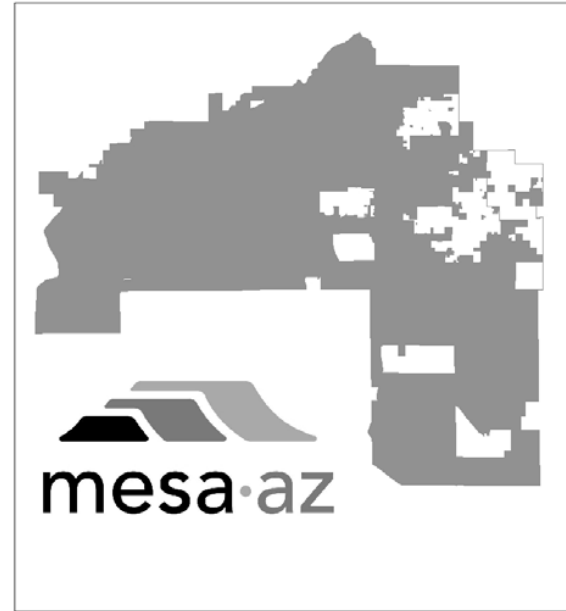
Parks & Recreation

Project Number and Name

CP0303 - Minor Equipment Upgrades

Project Description

Improve park equipment enclosures, update park and basin signage, and make improvements in park and aquatics maintenance procedures.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$5,770	\$1,837,073	\$1,842,842
Parks Bond Construction	-	\$96,000	\$96,000
Total	\$5,770	\$1,933,073	\$1,938,843

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$564,380	\$262,109	\$1,047,383	-	-	-	\$1,873,873
CIP Administration	\$11,704	\$9,507	\$37,989	-	-	-	\$59,200
Total	\$576,084	\$271,617	\$1,085,372	-	-	-	\$1,933,073

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0007 - Monterey Park Expansion

Project Description

Expand Monterey Park through construction of lighted youth baseball fields, soccer fields, restroom/concession facilities and parking. These improvements will be completed in phases as funding is identified.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$61,569	\$61,569
General Fund	-	\$139,484	\$139,484
Total	-	\$201,053	\$201,053

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	(\$0)	-	(\$0)
Environmental Compliance Fee	\$37,793	-	\$37,793
Parks Bond Construction	\$3,532,758	\$1,502,828	\$5,035,586
Total	\$3,570,551	\$1,502,828	\$5,073,379

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-
Construction	-	\$1,448,460	-	-	-	-	\$1,448,460
Direct Expenses	-	\$1,769	-	-	-	-	\$1,769
CIP Administration	-	\$52,600	-	-	-	-	\$52,600
Total	-	\$1,502,828	-	-	-	-	\$1,502,828

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0015 - Pioneer Park Renovations

Project Description

Develop conceptual plans with input from community stakeholders to create a unique park destination adjacent to a light rail station.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$51,307	\$51,307
General Fund	-	\$71,225	\$71,225
Total	-	\$122,532	\$122,532

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$179,956	\$2,810,123	\$2,990,079
Total	\$179,956	\$2,810,123	\$2,990,079

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$143,146	-	-	-	-	-	\$143,146
Construction	\$2,566,495	-	-	-	-	-	\$2,566,495
Direct Expenses	\$5,454	-	-	-	-	-	\$5,454
CIP Administration	\$95,028	-	-	-	-	-	\$95,028
Total	\$2,810,123	-	-	-	-	-	\$2,810,123

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0300 - Playground Upgrades

Project Description

Upgrade park playgrounds to address failing equipment, accessibility requirements, and current safety standards.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$6,340	\$1,794,583	\$1,800,923
Parks Bond Construction	\$63,102	\$1,145,093	\$1,208,195
Total	\$69,442	\$2,939,676	\$3,009,118

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$56,101	-	-	-	-	-	\$56,101
Construction	\$913,035	\$1,289,356	\$570,578	-	-	-	\$2,772,969
CIP Administration	\$43,146	\$46,765	\$20,695	-	-	-	\$110,606
Total	\$1,012,282	\$1,336,121	\$591,273	-	-	-	\$2,939,676

**Parks & Culture Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

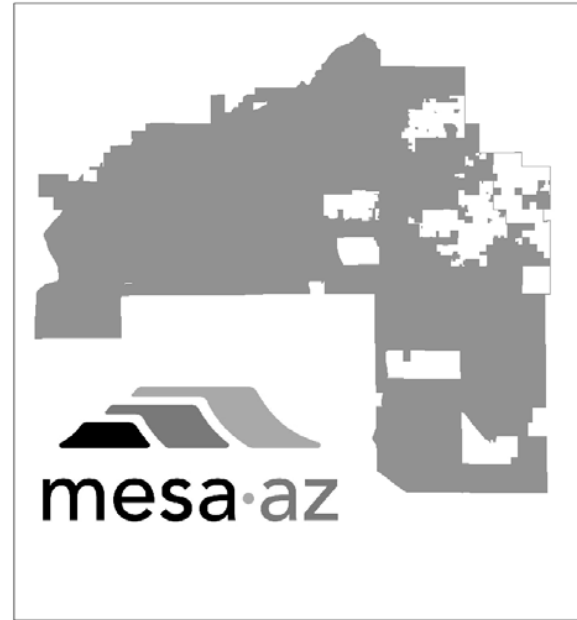
Parks & Recreation

Project Number and Name

CP0302 - Recreational Facility Upgrades

Project Description

Replace aging equipment in recreation centers and sports complexes and update site amenities to meet current customer requests.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$238,246	\$238,246
Parks Bond Construction	-	\$37,500	\$37,500
Total	-	\$275,745	\$275,745

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$131,719	\$132,686	-	-	-	-	\$264,405
CIP Administration	\$6,527	\$4,813	-	-	-	-	\$11,340
Total	\$138,246	\$137,499	-	-	-	-	\$275,745

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0332 - Rio Salado Pathway Segment 4

Project Description

Construct a shared use path that will connect northwest Mesa to a regional trail system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$1,585,674	\$1,585,674
Parks Bond Construction	\$47,125	\$264,394	\$311,519
Total	\$47,125	\$1,850,068	\$1,897,193

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$169,677	-	-	-	-	-	\$169,677
Construction	\$1,674,453	-	-	-	-	-	\$1,674,453
CIP Administration	\$5,938	-	-	-	-	-	\$5,938
Total	\$1,850,068	-	-	-	-	-	\$1,850,068

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0448 - Riverview Park Improvements

Project Description

Construct miscellaneous improvements in the Riverview Park complex. Funding is in place to allow for flexibility as projects are identified that can enhance the experience for park patrons.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	\$60,000	\$60,000
Total	-	\$60,000	\$60,000

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$57,971	-	-	-	-	-	\$57,971
CIP Administration	\$2,029	-	-	-	-	-	\$2,029
Total	\$60,000	-	-	-	-	-	\$60,000

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

C11002 - Riverview Park Renovation

Project Description

Renovate Riverview Park with a broad range of improvements to establish Riverview as a signature park for the area.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$291,857	\$291,857
Total	-	\$291,857	\$291,857

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$116,756	\$1,282,102	\$1,398,858
Parks Bond Construction	\$6,493,133	\$1,133,149	\$7,626,282
Total	\$6,609,889	\$2,415,251	\$9,025,140

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$41,578	-	-	-	-	-	\$41,578
Construction	\$2,225,238	-	-	-	-	-	\$2,225,238
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$148,435	-	-	-	-	-	\$148,435
Total	\$2,415,251	-	-	-	-	-	\$2,415,251

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0121 - Signal Butte & Elliot Park Development

Project Description

Construct a metro park on land on Elliot Road between Ellsworth and Signal Butte.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$31,041	\$31,041
General Fund	-	\$107,822	\$107,822
Total	-	\$138,862	\$138,862

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$14	-	\$14
Parks Bond Construction	\$259	\$3,399,999	\$3,400,258
Total	\$273	\$3,399,999	\$3,400,272

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$368,965	-	-	-	-	-	\$368,965
Construction	-	\$2,903,541	-	-	-	-	\$2,903,541
Direct Expenses	\$1,969	\$6,523	-	-	-	-	\$8,492
CIP Administration	\$13,454	\$105,546	-	-	-	-	\$119,000
Total	\$384,388	\$3,015,611	-	-	-	-	\$3,399,999

Parks & Culture Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0198 - Southeast Mesa Bike & Pedestrian Path

Project Description

Create a pedestrian and bike trail connection in southeast Mesa with a concrete path, landscaping, and lighting.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$20,177	\$20,177
Total	-	\$20,177	\$20,177

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$1,581	\$1,550,003	\$1,551,584
Total	\$1,581	\$1,550,003	\$1,551,584

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$582,372	-	-	-	-	-	\$582,372
Construction	-	\$908,427	-	-	-	-	\$908,427
Direct Expenses	\$3,033	\$1,920	-	-	-	-	\$4,953
CIP Administration	\$21,233	\$33,018	-	-	-	-	\$54,251
Total	\$606,638	\$943,365	-	-	-	-	\$1,550,003

Parks & Culture Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Parks & Recreation

Project Number and Name

CP0009 - West Mesa Sports Complex

Project Description

In 2010, Mesa Public Schools closed Powell Junior High School due to changing enrollment patterns. The buildings are now the Mesa Education Center used for a variety of educational programs, but the school grounds are used by community sports groups. The School District and the City propose to collaborate to redevelop the school property to better meet the needs of youth recreation enthusiasts. Improvements include recreational youth lighted softball and baseball fields.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$111,936	\$111,936
General Fund	-	\$321,155	\$321,155
Total	-	\$433,091	\$433,091

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$150,925	\$8,604,892	\$8,755,817
Total	\$150,925	\$8,604,892	\$8,755,817

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$826,085	-	-	-	-	-	\$826,085
Construction	\$7,458,321	-	-	-	-	-	\$7,458,321
Direct Expenses	\$15,500	-	-	-	-	-	\$15,500
CIP Administration	\$304,986	-	-	-	-	-	\$304,986
Total	\$8,604,892	-	-	-	-	-	\$8,604,892










City of Mesa

Five-Year Capital
Improvement Program
FY 2015 - 2019

PARKS AND CULTURE PROJECTS

LEGEND

-  Project Locations
-  District 1
-  District 2
-  District 3
-  District 4
-  District 5
-  District 6

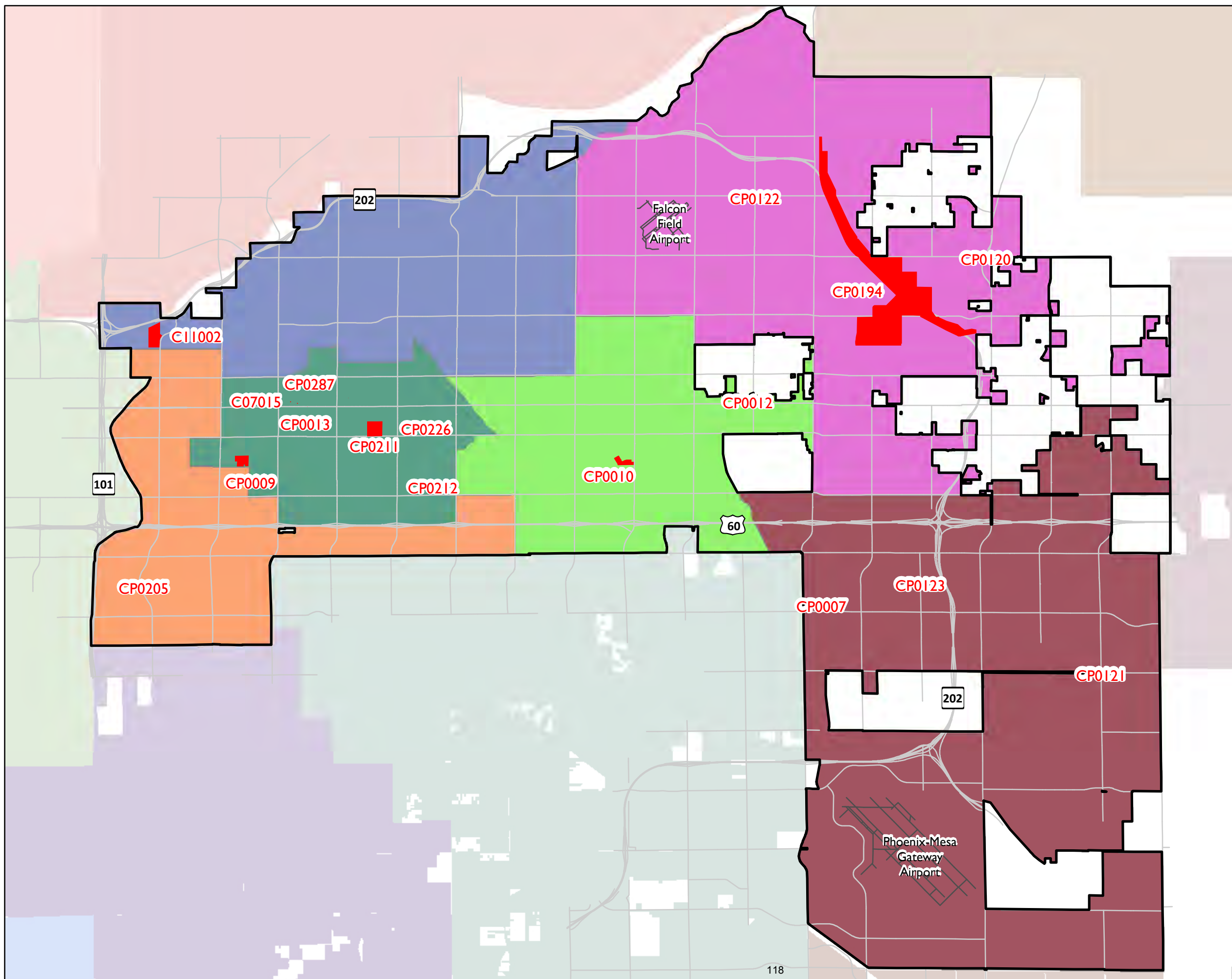
Citywide, External or Location TBD Projects

CP0198 CP0302 CP0302



MAP CREATION DATE: 7/29/2014
MAP CREATED BY: Engineering-GIS

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public safety



Five Year Capital Improvement Program

Public Safety

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**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

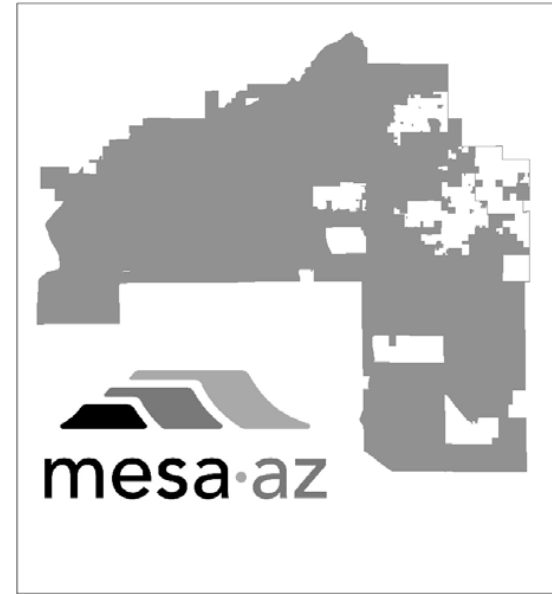
Fire

Project Number and Name

CP0095 - Fire Apparatus Replacement

Project Description

Replace fire apparatus that has exceeded its useful life based on the Fire Department's standardized plan.



Project Expenditures by Fund

City Wide

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$5,373,132	\$5,373,132
Total	-	\$5,373,132	\$5,373,132

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$1,081,309	\$1,081,309
Public Safety Bond Construction	\$1,875,920	\$30,163,595	\$32,039,515
Total	\$1,875,920	\$31,244,904	\$33,120,824

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$7,237,309	\$2,619,272	\$2,423,733	\$3,152,805	\$3,960,101	\$11,851,684	\$31,244,904
Total	\$7,237,309	\$2,619,272	\$2,423,733	\$3,152,805	\$3,960,101	\$11,851,684	\$31,244,904

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

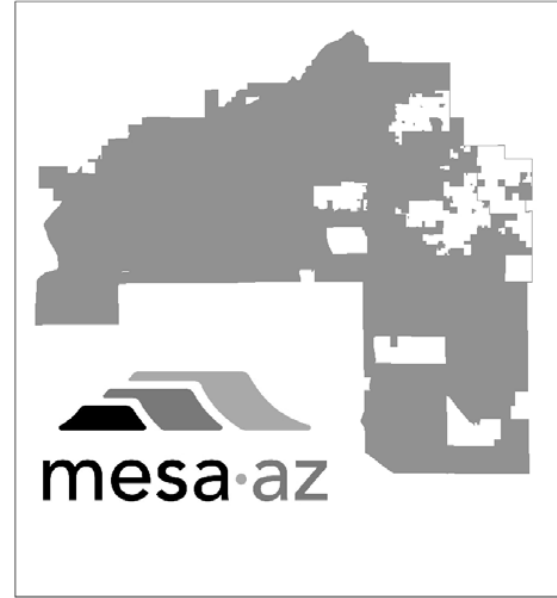
Fire

Project Number and Name

CP0099 - Fire Breathing Apparatus

Project Description

Provide funding for Self Contained Breathing Apparatus (SCBA) which is part of a firefighter's basic emergency gear. It is needed to safely enter any contaminated atmosphere or fire. The Fire Department's SCBA are in need of replacement in the next two to three years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	-	\$1,413,633	\$1,413,633
Total	-	\$1,413,633	\$1,413,633

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	-	\$1,379,153	-	-	-	-	\$1,379,153
CIP Administration	-	\$34,479	-	-	-	-	\$34,479
Total	-	\$1,413,633	-	-	-	-	\$1,413,633

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

CP0209 - Fire Department Admin Project

Project Description

A new fire department administration sign at Central and 1st avenue.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$27,940	\$23,184	\$51,124
Total	\$27,940	\$23,184	\$51,124

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$22,400	-	-	-	-	-	\$22,400
CIP Administration	\$784	-	-	-	-	-	\$784
Total	\$23,184	-	-	-	-	-	\$23,184

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

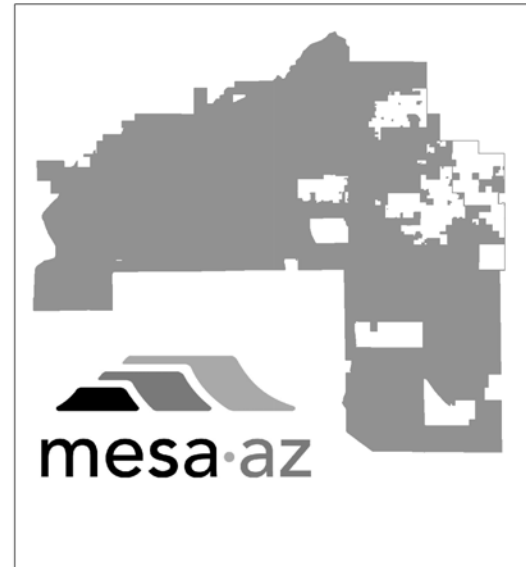
Fire

Project Number and Name

CP0097 - Fire Operations Center

Project Description

Construct a fire operations center to better serve the public safety needs of the community. Location and funding have not been determined.



Project Expenditures by Fund

Location To Be Determined

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$26,907,743	\$26,907,743
Total	-	\$26,907,743	\$26,907,743

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$88,408	\$2,036,435	\$2,124,843
Construction	-	-	-	-	-	\$24,100,203	\$24,100,203
Direct Expenses	-	-	-	-	-	\$26,411	\$26,411
CIP Administration	-	-	-	-	\$2,211	\$654,076	\$656,287
Total	-	-	-	-	\$90,618	\$26,817,124	\$26,907,743

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

C10127 - Fire Station 203: Relocation

Project Description

Fire Station 203 was built in 1957 and due to its age, no longer serves the needs of current fire operations. The City will construct a replacement station in the area of the Broadway Road and Alma School intersection.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$77,126	\$4,440,424	\$4,517,550
Total	\$77,126	\$4,440,424	\$4,517,550

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$426,920	-	-	-	-	-	\$426,920
Land Acquisition	-	-	-	-	-	-	-
Construction	\$640,379	\$3,258,249	-	-	-	-	\$3,898,628
Direct Expenses	\$2,388	\$2,031	-	-	-	-	\$4,419
CIP Administration	\$59,696	\$50,761	-	-	-	-	\$110,457
Total	\$1,129,383	\$3,311,041	-	-	-	-	\$4,440,424

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

C10120 - Fire Station 205: Renovation

Project Description

Fire Station 205 has been identified for renovations to modify and expand the existing facility or rebuild the facility to accommodate current Fire operational needs.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$8,714,789	\$8,714,789
Total	-	\$8,714,789	\$8,714,789

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$402,354	\$208,321	\$610,675
Construction	-	-	-	-	-	\$6,802,447	\$6,802,447
Purchases	-	-	-	-	-	\$1,089,112	\$1,089,112
CIP Administration	-	-	-	-	\$10,058	\$202,497	\$212,555
Total	-	-	-	-	\$412,412	\$8,302,377	\$8,714,789

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

C10121 - Fire Stations 209, 210: Expansion

Project Description

Renovate the existing apparatus bays to allow for the location of a Transitional Response Vehicle (TRV) to the station and a general update of old fire stations.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,262,456	\$2,262,456
Total	-	\$2,262,456	\$2,262,456

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$183,818	-	-	\$183,818
Construction	-	-	-	-	\$2,021,435	-	\$2,021,435
Direct Expenses	-	-	-	-	\$2,022	-	\$2,022
CIP Administration	-	-	-	\$4,595	\$50,586	-	\$55,181
Total	-	-	-	\$188,414	\$2,074,043	-	\$2,262,456

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

C10421 - Fire Stations 213, 214: Expansion

Project Description

Introducing Transitional Response Vehicles (TRVs) for use by the Mesa Fire and Medical Department has created the need to remodel or expand some Fire Stations. Many of these stations are of an older design and will not allow for the additional apparatus. Improvements to include renovation of the existing apparatus bays to allow for the location of a TRV to the station.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,398,464	\$2,398,464
Total	-	\$2,398,464	\$2,398,464

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$192,289	-	-	\$192,289
Construction	-	-	-	-	\$2,144,483	-	\$2,144,483
Direct Expenses	-	-	-	\$1,100	\$2,145	-	\$3,245
CIP Administration	-	-	-	\$4,835	\$53,613	-	\$58,447
Total	-	-	-	\$198,223	\$2,200,241	-	\$2,398,464

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

CP0102 - Fire Station 221: Eastmark

Project Description

As part of the DMB development (old GM proving grounds) two new fire stations will be needed. The majority of the first is being paid for by DMB Development. They will provide the land, and apparatus, staffing for approximately 3 years and money towards a portion of the construction. DMB plans to break ground on the residential part of the project in 2013. The second station will be the responsibility of the City of Mesa and will not be needed for several years, unless development accelerates.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$1,535,291	\$1,535,291
Total	-	\$1,535,291	\$1,535,291

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$5,659,007	\$5,659,007
Total	-	\$5,659,007	\$5,659,007

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$301,294	\$155,996	\$457,290
Construction	-	-	-	-	-	\$5,063,693	\$5,063,693
CIP Administration	-	-	-	-	\$7,533	\$130,492	\$138,025
Total	-	-	-	-	\$308,827	\$5,350,181	\$5,659,007

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

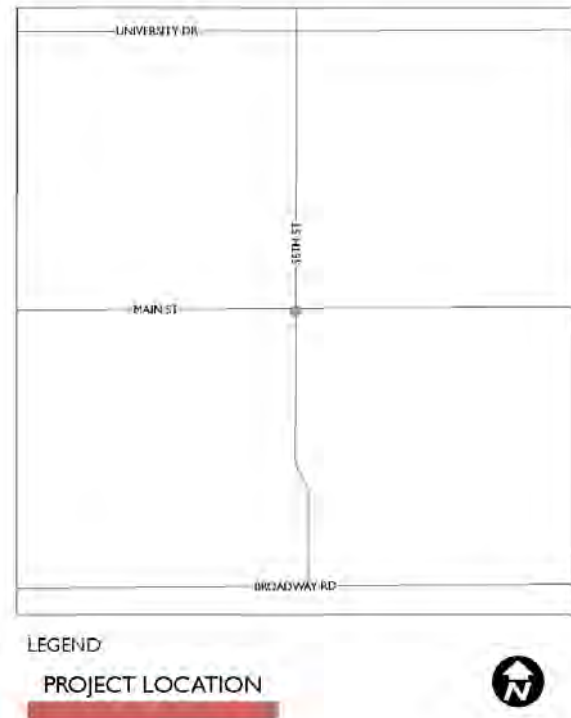
Fire

Project Number and Name

C10119 - Fire Station 222: Battalion Headquarters

Project Description

Build a new fire station, including apparatus at an east Mesa location to be determined.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$8,121,120	\$8,121,120
Total	-	\$8,121,120	\$8,121,120

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$402,354	\$208,321	\$610,675
Construction	-	-	-	-	-	\$6,242,302	\$6,242,302
Purchases	-	-	-	-	-	\$1,089,112	\$1,089,112
Direct Expenses	-	-	-	-	\$1,179	\$6,449	\$7,628
CIP Administration	-	-	-	-	\$10,088	\$161,316	\$171,404
Total	-	-	-	-	\$413,620	\$7,707,500	\$8,121,120

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

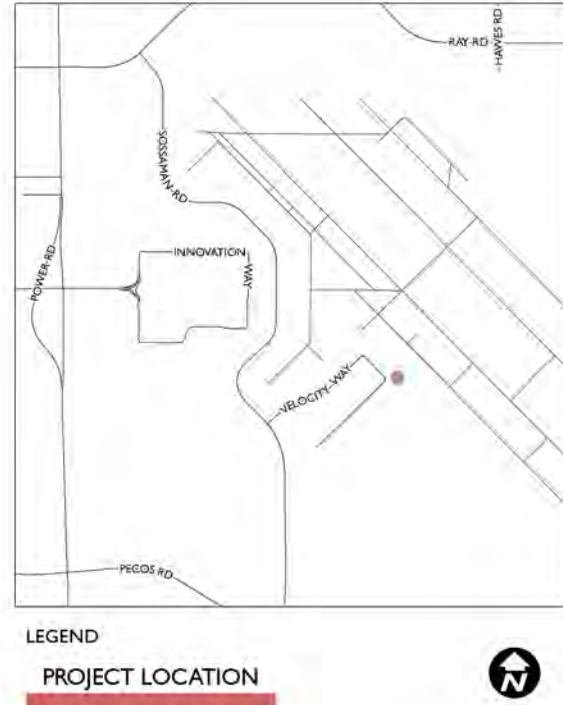
Fire

Project Number and Name

C10124 - Fire Station 223: Southeast Mesa

Project Description

Construct a new fire station in the southeast area of Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$7,713,683	\$7,713,683
Total	-	\$7,713,683	\$7,713,683

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$329,054	\$182,912	\$511,966
Land Acquisition	-	-	-	-	\$1,225,923	-	\$1,225,923
Construction	-	-	-	-	-	\$4,560,881	\$4,560,881
Purchases	-	-	-	-	-	\$1,220,629	\$1,220,629
Direct Expenses	-	-	-	-	\$1,555	\$4,744	\$6,298
CIP Administration	-	-	-	-	\$38,875	\$149,111	\$187,986
Total	-	-	-	-	\$1,595,406	\$6,118,276	\$7,713,683

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

Fire

Project Number and Name

C10128 - Fire Station 224: Northeast Mesa

Project Description

Construct a new station in northeast Mesa.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$1,780,621	\$1,780,621
Total	-	\$1,780,621	\$1,780,621

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$9,613,411	\$9,613,411
Total	-	\$9,613,411	\$9,613,411

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$375,733	\$129,691	\$505,425
Land Acquisition	-	-	-	-	\$1,355,588	-	\$1,355,588
Construction	-	-	-	-	-	\$6,297,295	\$6,297,295
Purchases	-	-	-	-	-	\$1,220,629	\$1,220,629
CIP Administration	-	-	-	-	\$43,283	\$191,191	\$234,474
Total	-	-	-	-	\$1,774,605	\$7,838,806	\$9,613,411

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

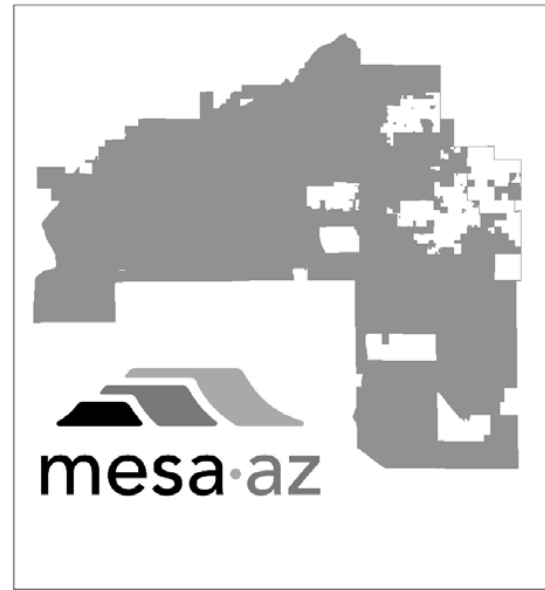
Fire

Project Number and Name

CP0103 - Fire Stations: Land Acquisition for New Stations

Project Description

Acquire land for future fire stations. The fire department has identified the need for 3 stations, sites to be determined.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$4,194,733	\$4,194,733
Total	-	\$4,194,733	\$4,194,733

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Land Acquisition	-	-	-	\$1,315,205	\$1,364,452	\$1,412,764	\$4,092,422
CIP Administration	-	-	-	\$32,880	\$34,111	\$35,319	\$102,311
Total	-	-	-	\$1,348,086	\$1,398,563	\$1,448,084	\$4,194,733

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

C10134 - Fire Warehouse

Project Description

Relocate the current Fire warehouse to a location to be determined.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,941,934	\$2,941,934
Total	-	\$2,941,934	\$2,941,934

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$281,889	-	-	\$281,889
Construction	-	-	-	-	\$2,584,679	-	\$2,584,679
Direct Expenses	-	-	-	\$1,118	\$2,584	-	\$3,702
CIP Administration	-	-	-	\$7,047	\$64,617	-	\$71,663
Total	-	-	-	\$290,054	\$2,651,880	-	\$2,941,934

Public Safety Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

CP0340 - Mesa Regional Dispatch Center

Project Description

A proposed 911 and dispatch center for fire and police. This would serve as a secondary public safety call center to provide redundancy to our existing 911 dispatch center.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$9,801	\$15,998,520	\$16,008,321
Total	\$9,801	\$15,998,520	\$16,008,321

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$1,083,572	\$228,635	-	-	-	-	\$1,312,207
Construction	-	\$11,499,816	\$2,816,566	-	-	-	\$14,316,382
Direct Expenses	\$5,971	\$6,092	\$1,117	-	-	-	\$13,181
CIP Administration	\$176,524	\$152,300	\$27,925	-	-	-	\$356,750
Total	\$1,266,067	\$11,886,844	\$2,845,609	-	-	-	\$15,998,520

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

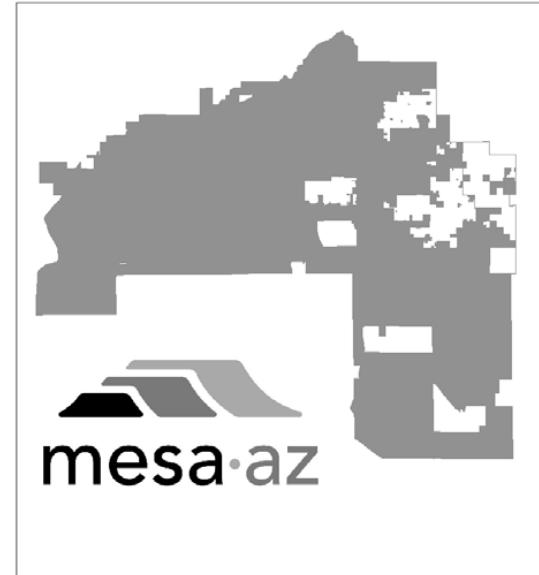
Fire

Project Number and Name

CP0157 - Optical Pre-emption and Emergency Traffic Signal Equipment

Project Description

Purchase and install emergency pre-emption devices on City traffic signals. These devices assist public safety vehicles in safely responding to emergencies. Funding for this project is contingent on the outcome of a future bond election.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$201,353	\$201,353
Total	-	\$201,353	\$201,353

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$1,795,848	\$1,795,848
Total	-	\$1,795,848	\$1,795,848

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Direct Expenses	-	-	\$331,890	\$324,371	\$361,020	\$763,650	\$1,780,932
CIP Administration	-	-	\$7,543	\$7,373	-	-	\$14,916
Total	-	-	\$339,433	\$331,744	\$361,020	\$763,650	\$1,795,848

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

C10420 - Public Safety Training Facility Improvements: Audio-Visual Training Classroom

Project Description

With the elimination of training staff due to budget reductions within the Mesa Fire Department. It has become necessary to develop alternative forms of firefighter training. Video based training has been found as a way to reduce man hours and still meet some of the fire departments minimum training requirements. The addition of this room will allow for the creation of these videos.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,469,436	\$2,469,436
Total	-	\$2,469,436	\$2,469,436

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$236,986	-	-	-	\$236,986
Construction	-	-	-	\$2,170,050	-	-	\$2,170,050
Direct Expenses	-	-	-	\$2,170	-	-	\$2,170
CIP Administration	-	-	\$5,925	\$54,306	-	-	\$60,230
Total	-	-	\$242,910	\$2,226,526	-	-	\$2,469,436

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

CP0096 - Public Safety Training Facility Improvements: Burn Room

Project Description

Remodel the existing burn room and expand the facilities to allow for training involving other combustible material such as natural gas.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$3,784	\$1,868,425	\$1,872,209
Total	\$3,784	\$1,868,425	\$1,872,209

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$183,000	-	-	-	-	-	\$183,000
Construction	\$1,654,286	-	-	-	-	-	\$1,654,286
Direct Expenses	\$951	-	-	-	-	-	\$951
CIP Administration	\$30,188	-	-	-	-	-	\$30,188
Total	\$1,868,425	-	-	-	-	-	\$1,868,425

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Fire

Project Number and Name

CP0098 - Public Safety Training Facility Improvements: Fire and Police Props, Parking Lot

Project Description

Construct phased improvements at the Public Safety Training Facility to accomodate the training needs for future recruit classes and current public safety personnel.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,742,434	\$2,742,434
Total	-	\$2,742,434	\$2,742,434

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$259,673	-	-	\$259,673
Construction	-	-	-	-	\$2,413,189	-	\$2,413,189
Direct Expenses	-	-	-	-	\$2,683	-	\$2,683
CIP Administration	-	-	-	\$6,492	\$60,396	-	\$66,888
Total	-	-	-	\$266,165	\$2,476,269	-	\$2,742,434

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

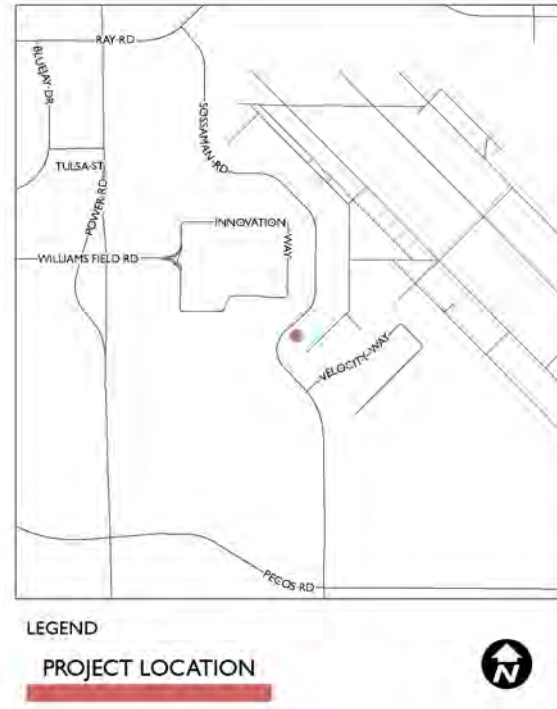
Police

Project Number and Name

CP0216 - Aviation Unit Hangar Remodel

Project Description

Expand the facility to provide additional space to house the five aircraft owned by the City of Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$1,501	\$207,697	\$209,198
Total	\$1,501	\$207,697	\$209,198

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$28,400	-	-	-	-	-	\$28,400
Construction	\$175,185	-	-	-	-	-	\$175,185
Direct Expenses	\$120	-	-	-	-	-	\$120
CIP Administration	\$3,992	-	-	-	-	-	\$3,992
Total	\$207,697	-	-	-	-	-	\$207,697

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0214 - Communications Building Facility Improvements

Project Description

Modernize vital Mesa Public Safety communication support systems that are essential to maintain 24/7 operations in all weather conditions.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$13,323	\$1,799,999	\$1,813,322
Total	\$13,323	\$1,799,999	\$1,813,322

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$58,961	-	-	-	-	-	\$58,961
Construction	\$867,718	\$825,993	-	-	-	-	\$1,693,711
Direct Expenses	\$1,158	\$1,170	-	-	-	-	\$2,328
CIP Administration	\$23,790	\$21,209	-	-	-	-	\$44,999
Total	\$951,627	\$848,372	-	-	-	-	\$1,799,999

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0217 - Eastside Improvements at Phx-Mesa Gateway Airport

Project Description

Develop the east side of the airport to increase capacity and economic development opportunities.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$5,800,464	\$5,800,464
Streets Bond Construction	\$139	\$5,000,001	\$5,000,140
Total	\$139	\$10,800,465	\$10,800,604

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$1,932,367	\$2,898,552	-	\$478,345	-	\$5,309,265
Construction	-	-	-	-	-	\$5,180,644	\$5,180,644
CIP Administration	-	\$67,633	\$101,449	-	\$11,958	\$129,516	\$310,556
Total	-	\$2,000,000	\$3,000,001	-	\$490,304	\$5,310,160	\$10,800,465

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

C02224 - Fiesta District Police Station

Project Description

The existing Dobson Station was constructed in 1980 and is insufficient for today's district station needs. There is not enough capacity at the current location to effectively address the needs of the city, nor is there room for expansion on the site. The replacement building is approximately 23,250 square feet for the capacity for 225-250 police personnel.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$65	-	\$65
Public Safety Bond Construction	\$9,330,857	\$142,470	\$9,473,327
Total	\$9,330,922	\$142,470	\$9,473,392

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$37,629	-	-	-	-	-	\$37,629
Land Acquisition	-	-	-	-	-	-	-
Construction	\$95,342	-	-	-	-	-	\$95,342
CIP Administration	\$9,499	-	-	-	-	-	\$9,499
Total	\$142,470	-	-	-	-	-	\$142,470

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

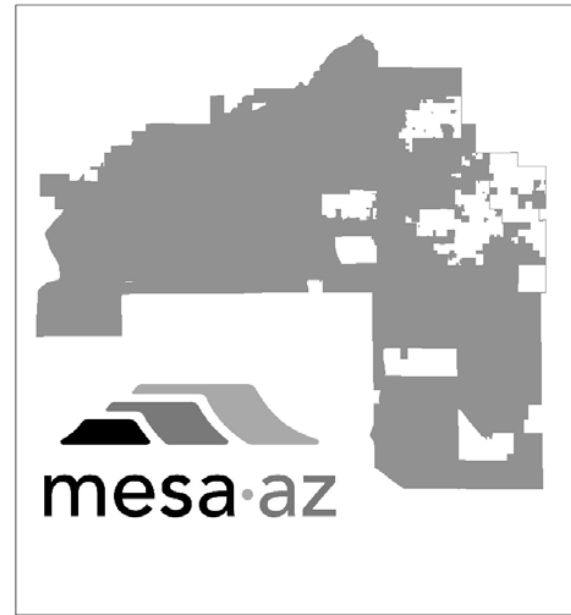
Police

Project Number and Name

C06061 - Mesa TOPAZ Wireless Network Lifecycle Planning

Project Description

The TOPAZ 800 MHz Trunked Radio System infrastructure requires periodic hardware and software upgrades to remain current and supported by the manufacturer. Mesa must upgrade TOPAZ in lock-step with Phoenix to maintain our interoperability agreements and ensure hardware/software compatibility. The next system upgrade will require replacement of networking hardware that is obsolete.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$127,524	\$210,504	\$338,028
Total	\$127,524	\$210,504	\$338,028

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$210,504	-	-	-	-	-	\$210,504
CIP Administration	-	-	-	-	-	-	-
Total	\$210,504	-	-	-	-	-	\$210,504

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

C10430 - Metro Facility Improvements Remodel

Project Description

The Metro Building Remodel would allow for this warehouse structure to be upgraded to be used for Long Term Evidence Storage. Security upgrades to the building would also be included in this project.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,665,706	\$2,665,706
Total	-	\$2,665,706	\$2,665,706

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$188,273	-	\$188,273
Construction	-	-	-	-	-	\$2,412,416	\$2,412,416
CIP Administration	-	-	-	-	\$4,707	\$60,310	\$65,017
Total	-	-	-	-	\$192,980	\$2,472,726	\$2,665,706

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0086 - Northeast Police Substation

Project Description

Construct a 25,000 square foot police substation to better serve the public safety needs in northeast Mesa. Project includes land acquisition and construction.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$14,312,650	\$14,312,650
Total	-	\$14,312,650	\$14,312,650

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$103,735	\$422,406	\$526,141
Land Acquisition	-	-	-	\$2,547,001	-	-	\$2,547,001
Construction	-	-	-	-	-	\$10,755,508	\$10,755,508
CIP Administration	-	-	-	\$89,144	\$3,630	\$391,226	\$484,000
Total	-	-	-	\$2,636,145	\$107,365	\$11,569,140	\$14,312,650

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

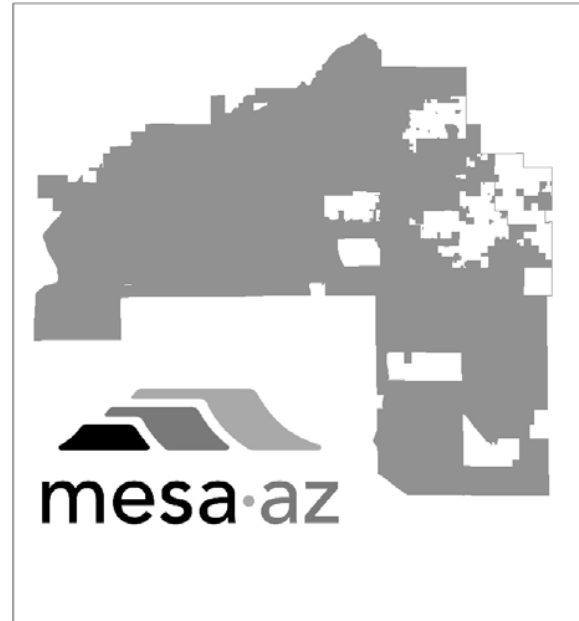
Police

Project Number and Name

CN0001 - Police Aviation (Helicopter)

Project Description

Replace police aircraft that have exceeded their useful life based on flight hours for the purposes of providing public safety services to citizens.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$798,079	\$3,192,316	\$3,990,395
Total	\$798,079	\$3,192,316	\$3,990,395

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	-	-	-	-	-	-	-
Direct Expenses	\$3,192,316	-	-	-	-	-	\$3,192,316
Total	\$3,192,316	-	-	-	-	-	\$3,192,316

**Public Safety Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

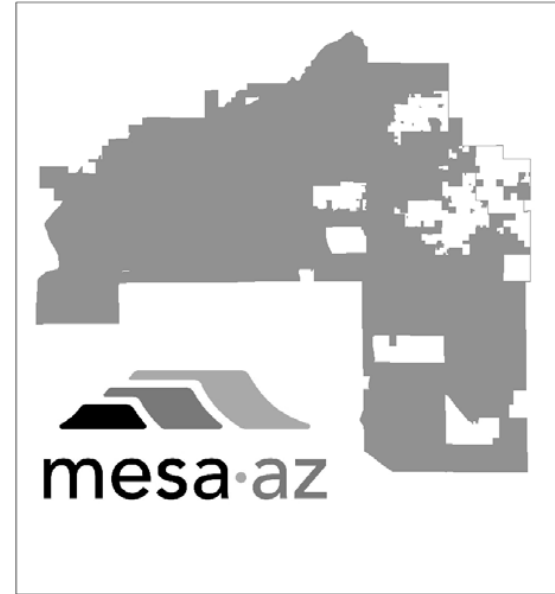
Police

Project Number and Name

CP0083 - Future Police Aviation Replacement

Project Description

Replace police aircraft that have exceeded their useful life based on flight hours for the purposes of providing public safety services to citizens.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$3,648,890	\$3,648,890
Total	-	\$3,648,890	\$3,648,890

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Direct Expenses	-	-	-	-	\$3,648,890	-	\$3,648,890
Total	-	-	-	-	\$3,648,890	-	\$3,648,890

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0443 - Police Central Facility Remodel

Project Description

Construct extensive remodel to improve service and better address public safety needs in the community.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$1,692,091	\$1,692,091
Total	-	\$1,692,091	\$1,692,091

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	-	-	\$1,634,871	-	-	\$1,634,871
CIP Administration	-	-	-	\$57,220	-	-	\$57,220
Total	-	-	-	\$1,692,091	-	-	\$1,692,091

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0084 - Police Central Facility; Remodel 3rd & 4th Floors

Project Description

Constructed in 1989, these floors have increasingly housed more employees in permanent or modular office space. Improvements will make better use of the space for the current space needs.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$1,223	\$1,800,000	\$1,801,222
Total	\$1,223	\$1,800,000	\$1,801,222

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$173,914	-	-	-	-	-	\$173,914
Construction	-	\$1,564,168	-	-	-	-	\$1,564,168
Direct Expenses	-	\$1,050	-	-	-	-	\$1,050
CIP Administration	\$6,086	\$54,781	-	-	-	-	\$60,867
Total	\$180,000	\$1,620,000	-	-	-	-	\$1,800,000

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0442 - Police Evidence Freezer (2013 Bond)

Project Description

The police department is required to maintain specific evidence in freezers and coolers for several years. To meet the projected storage needs of 2020, 1,052 Effective Square Foot storage capacity of new cooler space is needed. Design and build a new freezer required to meet the Police Department's storage requirements for cooler evidence through 2020.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$894,245	\$894,245
Total	-	\$894,245	\$894,245

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$87,100	-	-	-	-	-	\$87,100
Construction	\$776,011	-	-	-	-	-	\$776,011
Direct Expenses	\$894	-	-	-	-	-	\$894
CIP Administration	\$30,240	-	-	-	-	-	\$30,240
Total	\$894,245	-	-	-	-	-	\$894,245

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0016 - Police Evidence Freezer

Project Description

Purchase and install freezers used by the Police Department to store evidence.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Special Programs Fund	\$724,231	\$36,204	\$760,435
Total	\$724,231	\$36,204	\$760,435

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$6,210	-	-	-	-	-	\$6,210
Construction	\$28,770	-	-	-	-	-	\$28,770
Purchases	-	-	-	-	-	-	-
CIP Administration	\$1,224	-	-	-	-	-	\$1,224
Total	\$36,204	-	-	-	-	-	\$36,204

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0128 - Police Holding Facility Improvements

Project Description

Construct improvement to address deficiencies at the aging Police holding facility. This facility was built in 1974 and requires modernization for efficiency and safety. This project includes improvements to control room functionality and heating, air conditioning and ventilation.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - General Fund	\$16,086	-	\$16,086
Public Safety Bond Construction	-	\$1,800,000	\$1,800,000
Special Programs Fund	\$46,742	-	\$46,742
Total	\$62,828	\$1,800,000	\$1,862,828

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$174,060	-	-	-	-	-	\$174,060
Construction	-	\$1,566,539	-	-	-	-	\$1,566,539
CIP Administration	\$5,940	\$53,461	-	-	-	-	\$59,401
Construction Administration	-	-	-	-	-	-	-
Total	\$180,000	\$1,620,000	-	-	-	-	\$1,800,000

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0215 - Police Range Classrooms

Project Description

Construct additional training classroom space at the police range.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$2,166,253	\$2,166,253
Total	-	\$2,166,253	\$2,166,253

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$251,575	-	-	\$251,575
Construction	-	-	-	-	\$1,841,289	-	\$1,841,289
Direct Expenses	-	-	-	\$503	\$3,683	-	\$4,186
CIP Administration	-	-	-	\$8,319	\$60,885	-	\$69,203
Total	-	-	-	\$260,396	\$1,905,857	-	\$2,166,253

Public Safety Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Police

Project Number and Name

CP0341 - Police Shooting Range - Hardening

Project Description

The Mesa Police Department operates a Law Enforcement Shooting Range for the ongoing firearms training and proficiency of Mesa Police Officers. This project includes the demolition of the existing observation tower, offices, ammunition storage, target and tool buildings along with utility vehicle parking areas and the construction of a new consolidated building, consisting of approximately 4,900 square feet, to replace the demolished buildings.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$2,306	\$1,599,970	\$1,602,276
Total	\$2,306	\$1,599,970	\$1,602,276

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$169,024	-	-	-	-	-	\$169,024
Construction	\$1,399,344	-	-	-	-	-	\$1,399,344
Direct Expenses	\$1,001	-	-	-	-	-	\$1,001
CIP Administration	\$30,601	-	-	-	-	-	\$30,601
Total	\$1,599,970	-	-	-	-	-	\$1,599,970

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

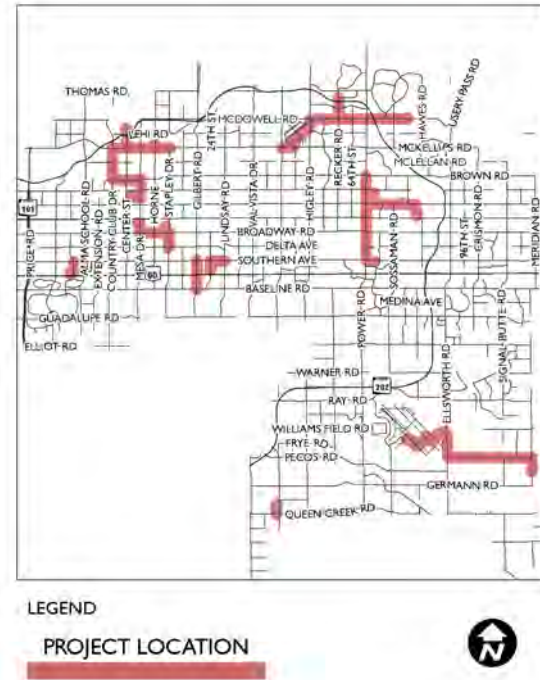
Communications

Project Number and Name

CP0092 - Fiber to Radio Network Backbone Sites

Project Description

Improve the infrastructure that provides voice and data services to fire stations and other City facilities over the City's point-to-point microwave radio network. The installation of this fiber optic cable will supplement the point-to-point microwave radio network to improve reliability and increase bandwidth.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	\$13,257	\$4,555,297	\$4,568,554
Total	\$13,257	\$4,555,297	\$4,568,554

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$447,000	-	-	-	-	-	\$447,000
Construction	\$4,032,360	-	-	-	-	-	\$4,032,360
Direct Expenses	\$2,319	-	-	-	-	-	\$2,319
CIP Administration	\$73,618	-	-	-	-	-	\$73,618
Total	\$4,555,297	-	-	-	-	-	\$4,555,297

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

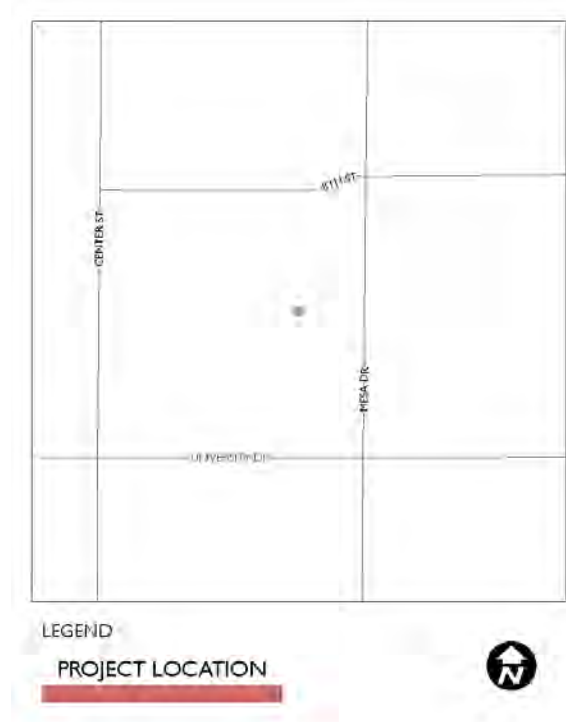
Communications

Project Number and Name

CP0345 - ITS Radio Communications Upgrades

Project Description

This project involves the procurement and installation of new ITS Radio equipment to be installed on existing traffic signal poles and ITS towers at 48 tentative locations throughout the City. This project will replace aging radio equipment and move from a congested and unlicensed frequency to a registered band that is less congested and will increase the bandwidth available to the City. Radio communications will support a wide variety of ITS devices to mitigate congestion.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$6,176	\$42,888	\$49,064
Total	\$6,176	\$42,888	\$49,064

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$28,706	-	-	-	-	-	\$28,706
Land Acquisition	\$12,676	-	-	-	-	-	\$12,676
CIP Administration	\$1,506	-	-	-	-	-	\$1,506
Total	\$42,888	-	-	-	-	-	\$42,888

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

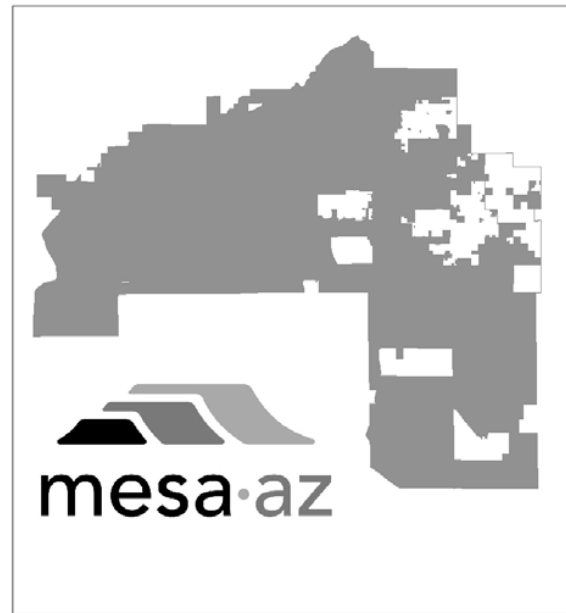
Communications

Project Number and Name

CP0093 - Microwave Network Replacement

Project Description

Replace the point-to-point microwave radio infrastructure, which provides voice and data services to fire stations and other City facilities. This network has reached the end of its support lifecycle.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$3,762,594	\$3,762,594
Total	-	\$3,762,594	\$3,762,594

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Direct Expenses	-	-	-	\$1,157,701	\$1,199,047	\$1,243,821	\$3,600,569
CIP Administration	-	-	-	\$52,097	\$53,956	\$55,972	\$162,025
Total	-	-	-	\$1,209,798	\$1,253,003	\$1,299,793	\$3,762,594

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

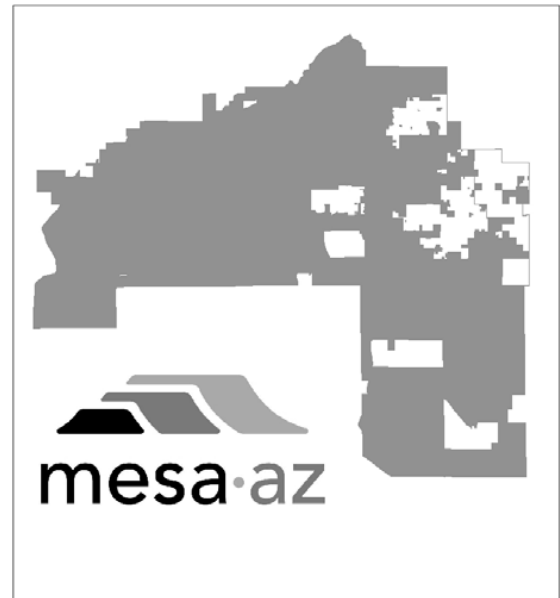
Communications

Project Number and Name

CP0094 - Radio Sites Emergency Power

Project Description

Replace 8 generators used for back-up power at radio sites. These generators have reached the end of their useful life. Replacement parts are becoming more difficult to find and the maintenance costs continue to rise.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$594,895	\$594,895
Total	-	\$594,895	\$594,895

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Direct Expenses	-	-	-	\$568,671	-	-	\$568,671
CIP Administration	-	-	-	\$26,223	-	-	\$26,223
Total	-	-	-	\$594,895	-	-	\$594,895

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

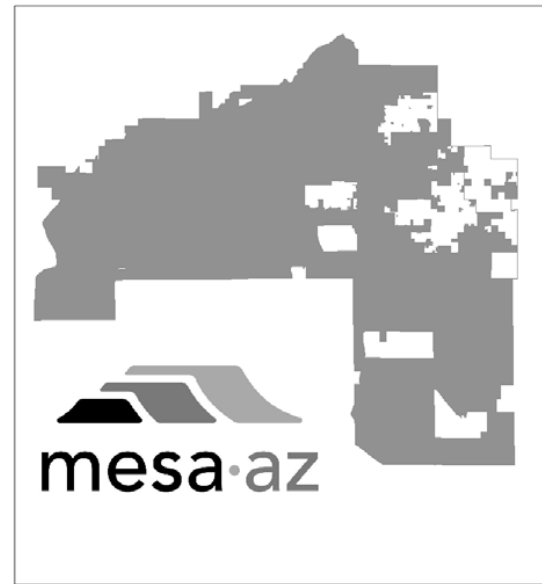
Communications

Project Number and Name

CP0091 - Wide-area Radio Coverage Improvements

Project Description

Expand the coverage area of the TOPAZ voice radio network to provide service for police, fire, and other municipal departments when they conduct operations outside of the core radio coverage area. This will be accomplished through additional radio sites and/or networking with adjacent existing radio networks.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Public Safety Bond Construction	-	\$3,081,318	\$3,081,318
Total	-	\$3,081,318	\$3,081,318

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Direct Expenses	-	-	-	\$682,406	\$707,264	\$1,616,493	\$3,006,163
CIP Administration	-	-	-	\$17,060	\$17,682	\$40,413	\$75,155
Total	-	-	-	\$699,466	\$724,946	\$1,656,906	\$3,081,318









City of Mesa

Five-Year Capital
Improvement Program
FY 2015 - 2019

PUBLIC SAFETY PROJECTS

LEGEND

-  Project Locations
-  District 1
-  District 2
-  District 3
-  District 4
-  District 5
-  District 6

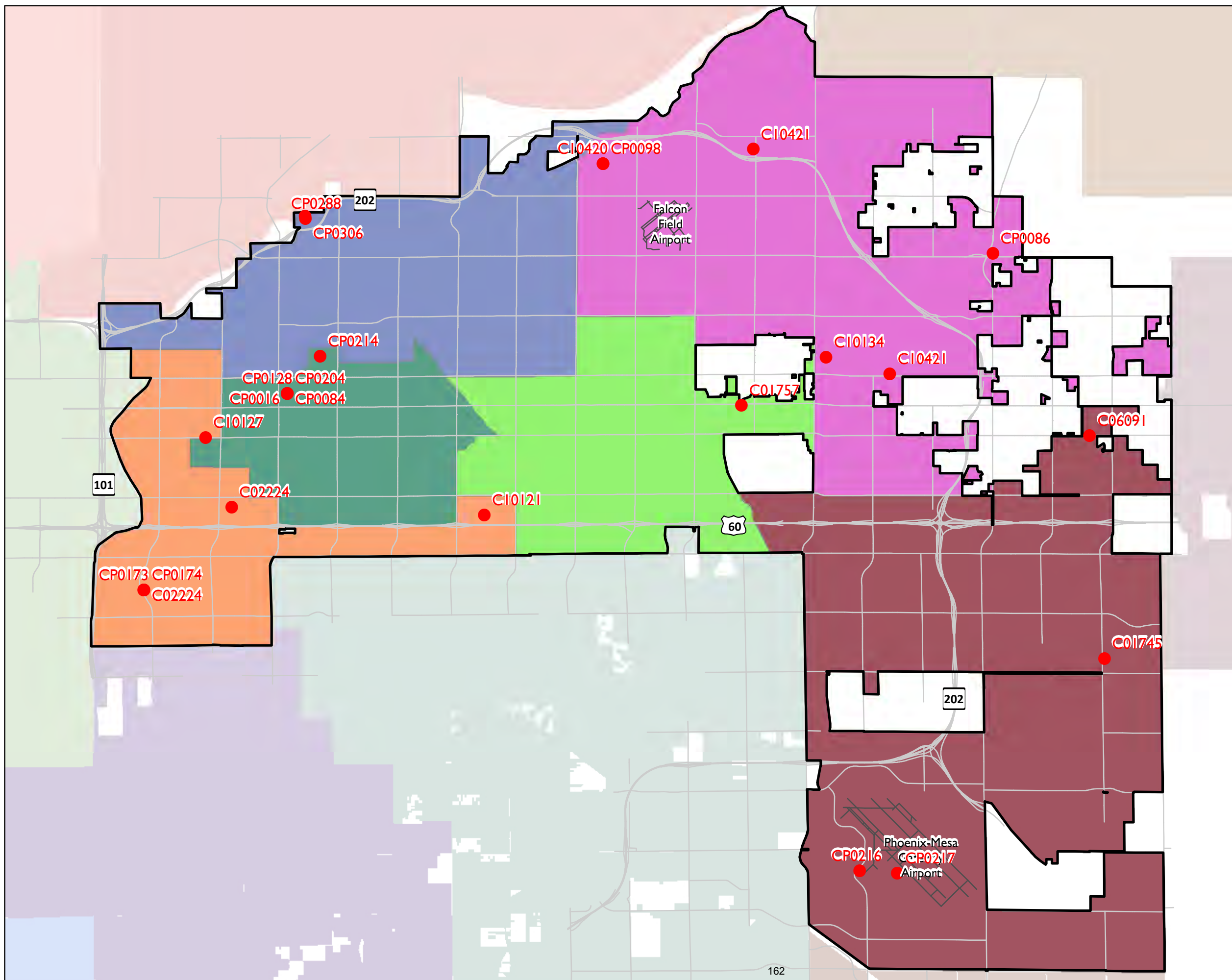
Citywide, External or Location TBD Projects

CI0128 CP0103
CP0091



MAP CREATION DATE: 7/29/2014
MAP CREATED BY: Engineering-GIS

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transportation



Five Year Capital Improvement Program

Transportation

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Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0405 - Access Roads

Project Description

Construct various road improvements to access roads for Thunderbird Circle and Empire Hangar.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$100,976	\$100,976
Total	-	\$100,976	\$100,976

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$97,560	-	-	-	-	-	\$97,560
CIP Administration	\$3,416	-	-	-	-	-	\$3,416
Total	\$100,976	-	-	-	-	-	\$100,976

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0114 - Airfield Lighting and Signage Upgrade

Project Description

The Airport is responsible for the operation and maintenance of the runway and taxiway lights and signs. The current runway/taxiway lighting and signage system has reached the end of its useful lifecycle and is need of replacement. Replacing the current incandescent lights with newer light emitting diode (LED) lights will reduce electrical and maintenance costs due to the longer lifespan of the LED lights.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$83,615	\$83,615
Grants - Enterprise	-	\$1,786,971	\$1,786,971
Total	-	\$1,870,586	\$1,870,586

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$164,574	-	-	-	\$164,574
Construction	-	-	-	\$1,706,013	-	-	\$1,706,013
Total	-	-	\$164,574	\$1,706,013	-	-	\$1,870,586

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Falcon Field Airport

Project Number and Name

C09036 - Airport Historic Zone Improvements

Project Description

Construct improvements to the landscaping and airport signage along the interior roadway medians and/or right-of-ways (Falcon Drive, Fighter Aces Drive, Mallory Circle, Roadrunner Drive) to develop a unique, signature look for Falcon Field as part of the continuing efforts to enhance the quality and appearance of the airport. Improvements will also be made the airport's landside lighting.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$16,996	-	\$16,996
Falcon Field Airport	-	\$1,833,626	\$1,833,626
Total	\$16,996	\$1,833,626	\$1,850,622

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$271,823	-	-	-	-	-	\$271,823
Construction	\$597,776	\$279,278	\$288,827	\$332,672	-	-	\$1,498,553
CIP Administration	\$30,914	\$10,025	\$10,368	\$11,943	-	-	\$63,250
Total	\$900,513	\$289,304	\$299,195	\$344,615	-	-	\$1,833,626

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

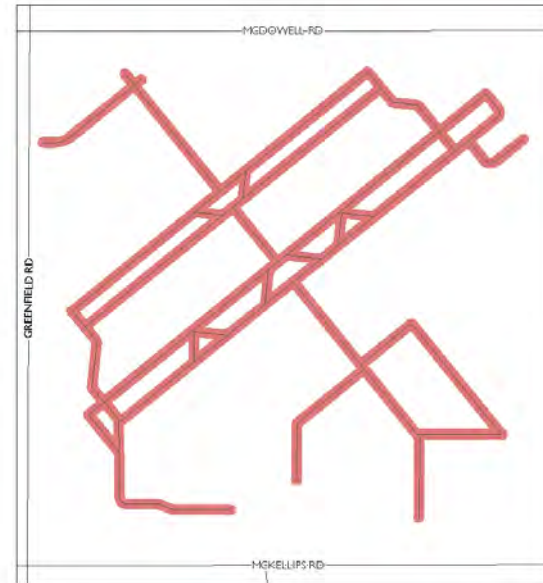
Falcon Field Airport

Project Number and Name

CP0396 - Airport Pavement Replacement

Project Description

Rehabilitate runway, taxiway, and ramp pavement identified by Arizona Department of Transportation (ADOT) Aeronautics as part of their pavement management system. ADOT inspects and evaluates Falcon Field pavement every three years and schedules pavement rehabilitation projects to ensure an effective pavement maintenance program.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Enterprise	-	\$81,271	\$81,271
Total	-	\$81,271	\$81,271

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$81,271	-	-	-	-	-	\$81,271
Total	\$81,271	-	-	-	-	-	\$81,271

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

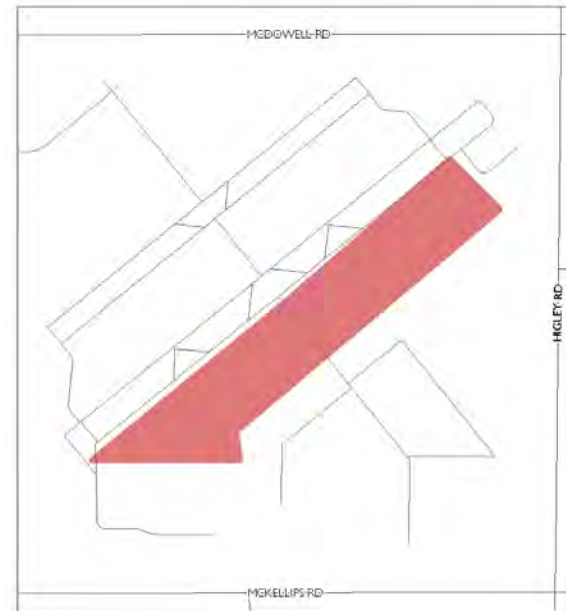
Falcon Field Airport

Project Number and Name

C10435 - Airport Pavement Rehabilitation and Replacement Program - Falcon Ramp

Project Description

Rehab of the pavement overlay at the existing terminal building and Falcon aircraft parking ramps that have reached the end of their useful lives. Needed repairs to these ramps are beyond the point where they may be repaired by crack sealing and seal coating.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$194,928	-	\$194,928
Falcon Field Airport	-	\$189,847	\$189,847
Grants - Enterprise	\$1,331,553	\$1,699,317	\$3,030,870
Total	\$1,526,481	\$1,889,164	\$3,415,645

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$14,279	-	-	-	-	-	\$14,279
Construction	\$1,810,000	-	-	-	-	-	\$1,810,000
Direct Expenses	\$1,000	-	-	-	-	-	\$1,000
CIP Administration	\$63,885	-	-	-	-	-	\$63,885
Total	\$1,889,164	-	-	-	-	-	\$1,889,164

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

C10437 - Airport Terminal Building Upgrades

Project Description

Remodel the existing airport terminal building. The current terminal building was originally constructed in 1971. The passenger waiting area, pilot briefing room, lobby and public restrooms are in need of upgrades to include ADA-compliant restroom facilities and public access.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$126,915	-	\$126,915
Falcon Field Airport	-	\$1,787,243	\$1,787,243
Total	\$126,915	\$1,787,243	\$1,914,158

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$78,805	-	-	-	-	-	\$78,805
Construction	\$1,648,000	-	-	-	-	-	\$1,648,000
CIP Administration	\$60,438	-	-	-	-	-	\$60,438
Total	\$1,787,243	-	-	-	-	-	\$1,787,243

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

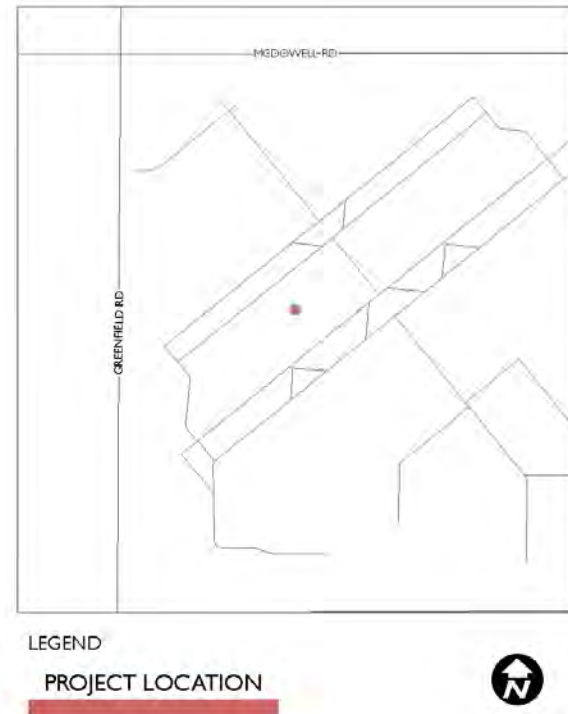
Falcon Field Airport

Project Number and Name

C10470 - Automated Surface Observing System (ASOS)

Project Description

Construct a concrete pad and electrical lines for an Automated Surface Observing System (ASOS) that is being installed by the Federal Aviation Administration (FAA) to improve the weather reporting capabilities at the airport.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$27,781	-	\$27,781
Falcon Field Airport	-	\$4,419	\$4,419
Total	\$27,781	\$4,419	\$32,200

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$4,270	-	-	-	-	-	\$4,270
Construction	-	-	-	-	-	-	-
CIP Administration	\$149	-	-	-	-	-	\$149
Total	\$4,419	-	-	-	-	-	\$4,419

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

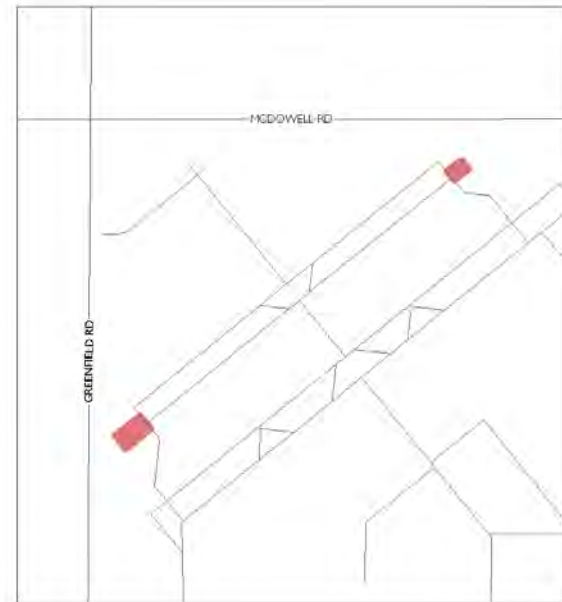
Falcon Field Airport

Project Number and Name

C07044 - Blast Pads for Runway 4L-22R

Project Description

Construct blast pads for Runway 4L-22R to reduce the erosive effects of jet blast and propeller wash. Improvements will include the construction of two high-speed runway exits for Runway 4L-22R to provide additional points for aircraft to exit the runway. Angled taxiway exits allow an aircraft to exit the runway at a higher safe speed.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	-	-
Falcon Field Airport	-	\$72,891	\$72,891
Grants - Enterprise	-	\$656,016	\$656,016
Total	-	\$728,907	\$728,907

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	-	\$728,907	-	-	-	-	\$728,907
CIP Administration	-	-	-	-	-	-	-
Total	-	\$728,907	-	-	-	-	\$728,907

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0258 - City Hangar Upgrades

Project Description

Upgrade the aging electrical service in existing City-owned hangar.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$1,727	-	\$1,727
Falcon Field Airport	-	\$108,650	\$108,650
Total	\$1,727	\$108,650	\$110,377

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$11,000	-	-	-	-	-	\$11,000
Construction	\$95,000	-	-	-	-	-	\$95,000
CIP Administration	\$2,650	-	-	-	-	-	\$2,650
Total	\$108,650	-	-	-	-	-	\$108,650

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0397 - Design/Construct Safety Area Improvements

Project Description

Designing and constructing the Runway and Taxiway safety areas at Falcon Field will enhance safety at the airport. Install rock into safety areas that will reduce wildlife activity, reduce required maintenance, and will also eliminate erosion of soil from runway and taxiway pavement.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$116,671	\$116,671
Grants - Enterprise	-	\$2,496,868	\$2,496,868
Total	-	\$2,613,539	\$2,613,539

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	\$79,762	\$1,266,889	\$1,266,888	-	-	\$2,613,539
Total	-	\$79,762	\$1,266,889	\$1,266,888	-	-	\$2,613,539

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

C06020 - Eastside Taxilane

Project Description

Construct the taxiway across Roadrunner Drive to provide aircraft access to the land located on the east side of the airport. This area is currently not accessible by aircraft. Additional improvements include installation of new storm drain lines, cul-de-sacs along Roadrunner Drive and Eagle Drive, and extension of Roadrunner Drive to Higley Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	-	-
Falcon Field Airport	-	\$167,936	\$167,936
Grants - Enterprise	-	\$3,589,032	\$3,589,032
Total	-	\$3,756,969	\$3,756,969

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$417,649	-	-	-	-	-	\$417,649
Construction	-	-	-	-	\$3,328,878	-	\$3,328,878
CIP Administration	\$10,442	-	-	-	-	-	\$10,442
Total	\$428,091	-	-	-	\$3,328,878	-	\$3,756,969

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Falcon Field Airport

Project Number and Name

CP0409 - Eastside Zone Improvements

Project Description

Design and construct improvements to landscaping, airport signage, along East Falcon Drive, Mallory Circle, and Roadrunner Drive.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$1,337,634	\$1,337,634
Total	-	\$1,337,634	\$1,337,634

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	-	-	-	\$314,043	\$977,238	\$1,291,280
CIP Administration	-	-	-	-	\$11,273	\$35,080	\$46,354
Total	-	-	-	-	\$325,316	\$1,012,318	\$1,337,634

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0256 - Falcon Field Master Plan

Project Description

Update the master plan document used to guide the activities at Falcon Field Airport to meet the strategic objectives of the City Council.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$27,901	\$27,901
General Fund	-	-	-
Grants - Enterprise	-	\$251,106	\$251,106
Total	-	\$279,007	\$279,007

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$279,007	-	-	-	\$279,007
Construction	-	-	-	-	-	-	-
Total	-	-	\$279,007	-	-	-	\$279,007

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0403 - Gate Systems Upgrade

Project Description

Gate Systems Upgrades will design and install perimeter fence and gate systems to provide high quality, high temperature rated gate operators, to ensure operational performance through the summers.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$202,000	\$202,000
Total	-	\$202,000	\$202,000

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$195,000	-	-	-	-	-	\$195,000
CIP Administration	\$7,000	-	-	-	-	-	\$7,000
Total	\$202,000	-	-	-	-	-	\$202,000

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0117 - General Pavement Replacement

Project Description

Install pavement overlay or reconstruction of pavement that has reached the end of its useful life as indicated by the Airport Pavement Preservation Plan. This project is part of the City's continuing effort to enhance the safety, utility and quality of the Airport and is detailed in the Airport Master Plan.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$76,086	-	\$76,086
Grants - Enterprise	-	\$37,817	\$37,817
Total	\$76,086	\$37,817	\$113,903

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$36,538	-	-	-	-	-	\$36,538
CIP Administration	\$1,279	-	-	-	-	-	\$1,279
Total	\$37,817	-	-	-	-	-	\$37,817

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0404 - Hangar Electrical Upgrades

Project Description

Install 20 amp electrical service improvements to City owned hangars.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$100,976	\$100,976
Total	-	\$100,976	\$100,976

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$97,560	-	-	-	-	-	\$97,560
CIP Administration	\$3,416	-	-	-	-	-	\$3,416
Total	\$100,976	-	-	-	-	-	\$100,976

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

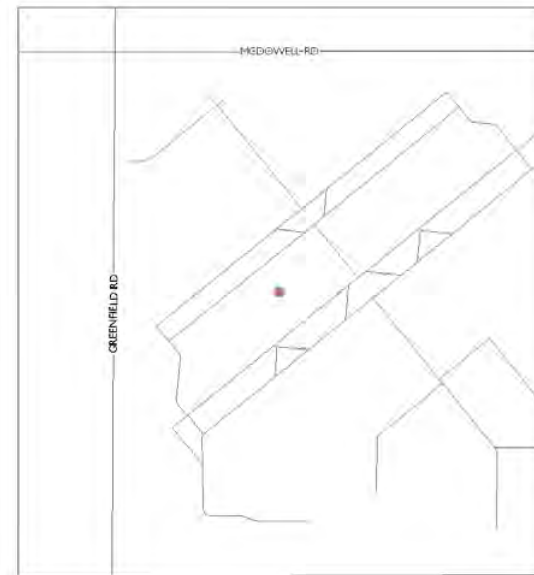
Falcon Field Airport

Project Number and Name

CP0416 - High-Speed Exits Runway 4L/22R

Project Description

Design and pave new high speed exits between Runway 4L/22R and Taxiway E to improve operational efficiency and performance of aircraft using Falcon Field Airport.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$121,821	\$121,821
Grants - Enterprise	-	\$1,096,387	\$1,096,387
Total	-	\$1,218,208	\$1,218,208

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$125,000	-	-	-	-	-	\$125,000
Construction	-	\$1,093,208	-	-	-	-	\$1,093,208
Total	\$125,000	\$1,093,208	-	-	-	-	\$1,218,208

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Falcon Field Airport

Project Number and Name

C06033 - Higley/Falcon Ramps Reconfiguration and Lighting

Project Description

Reconfigure the layout of aircraft parking spaces currently on these ramps to support the growing number of aircraft operations. This reconfiguration will increase the number of tie-down spaces available for rent.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$94,645	\$94,645
Grants - Enterprise	-	\$851,809	\$851,809
Total	-	\$946,453	\$946,453

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$107,870	-	-	-	\$107,870
Construction	-	-	-	\$838,583	-	-	\$838,583
Total	-	-	\$107,870	\$838,583	-	-	\$946,453

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0407 - J Hangar Hot Maintenance Facility

Project Description

Upgrade existing J hangar to facilitate hot maintenance activities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$308,333	\$308,333
Total	-	\$308,333	\$308,333

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	\$297,648	-	-	-	-	\$297,648
CIP Administration	-	\$10,685	-	-	-	-	\$10,685
Total	-	\$308,333	-	-	-	-	\$308,333

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0257 - J-Hangar Replacements

Project Description

Replace the existing City-owned hangars.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	-	-
Falcon Field Airport	-	\$234,725	\$234,725
Total	-	\$234,725	\$234,725

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$17,000	-	-	-	-	-	\$17,000
Construction	\$212,000	-	-	-	-	-	\$212,000
CIP Administration	\$5,725	-	-	-	-	-	\$5,725
Total	\$234,725	-	-	-	-	-	\$234,725

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0406 - Parcel 36 Improvements

Project Description

Parcel 36 Improvements will raze existing buildings.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$131,300	\$131,300
Total	-	\$131,300	\$131,300

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$126,750	-	-	-	-	-	\$126,750
CIP Administration	\$4,550	-	-	-	-	-	\$4,550
Total	\$131,300	-	-	-	-	-	\$131,300

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0113 - Lease Parcel Renovations and Upgrades

Project Description

Construct upgrades to facilities located on expired ground-lease parcels which have reverted to City ownership. Once the upgrades are complete, the Airport can then lease the facilities, providing a needed Airport revenue source. This revenue will help assist the Airport with maintaining financial self-sustainability as an Enterprise Fund department.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$4,710	-	\$4,710
Falcon Field Airport	-	\$607,111	\$607,111
Total	\$4,710	\$607,111	\$611,821

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$24,557	-	-	-	-	\$46,690	\$71,247
Construction	\$224,213	-	-	-	-	\$291,120	\$515,333
CIP Administration	\$8,707	-	-	-	-	\$11,824	\$20,531
Total	\$257,477	-	-	-	-	\$349,634	\$607,111

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0408 - Operations Sweeper Maintenance Facility

Project Description

Install concrete pad and drainage infrastructure to provide a clean out pad for airport sweeper.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$40,400	\$40,400
Total	-	\$40,400	\$40,400

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$39,000	-	-	-	-	-	\$39,000
CIP Administration	\$1,400	-	-	-	-	-	\$1,400
Total	\$40,400	-	-	-	-	-	\$40,400

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

C07046 - PAPI/REIL Upgrades/Relocation

Project Description

Construct airport visual aid landing enhancements. To provide pilots with visual information during landings, electronic visual approach aids are commonly provided at airports. These projects are part of the continuing effort to enhance the safety, utility, and quality of Falcon Field and are detailed in the Airport Master Plan.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$12,245	-	\$12,245
Falcon Field Airport	-	\$26,184	\$26,184
Grants - Enterprise	\$93,873	\$235,650	\$329,523
Total	\$106,118	\$261,834	\$367,952

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$992	-	-	-	-	-	\$992
Construction	\$251,988	-	-	-	-	-	\$251,988
CIP Administration	\$8,854	-	-	-	-	-	\$8,854
Total	\$261,834	-	-	-	-	-	\$261,834

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

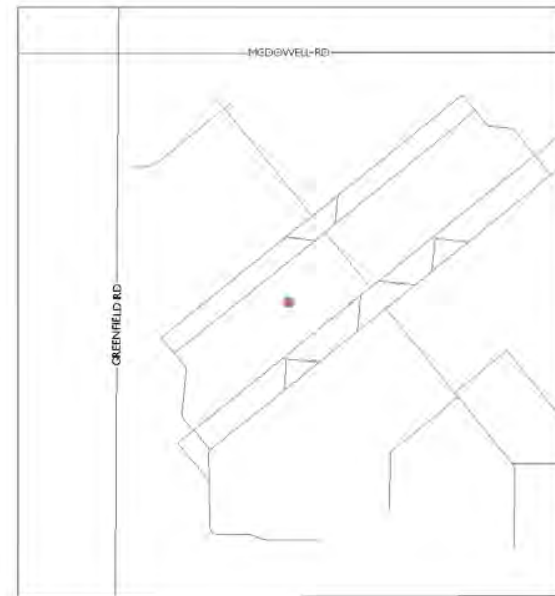
Falcon Field Airport

Project Number and Name

C10525 - Runway Guard Light System

Project Description

Construct runway safety program improvements to the airfield identified by the Federal Aviation Administration (FAA) Runway Safety Action Team (RSAT) as a high priority. Improvements include runway guard lights for installation at all remaining runway intersections not already equipped with runway guard lights.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$7,135	-	\$7,135
Falcon Field Airport	-	\$96,089	\$96,089
Grants - Enterprise	\$105,390	\$666,889	\$772,279
Total	\$112,525	\$762,978	\$875,503

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$46,097	-	-	-	-	-	\$46,097
Construction	\$711,369	-	-	-	-	-	\$711,369
CIP Administration	\$5,512	-	-	-	-	-	\$5,512
Total	\$762,978	-	-	-	-	-	\$762,978

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

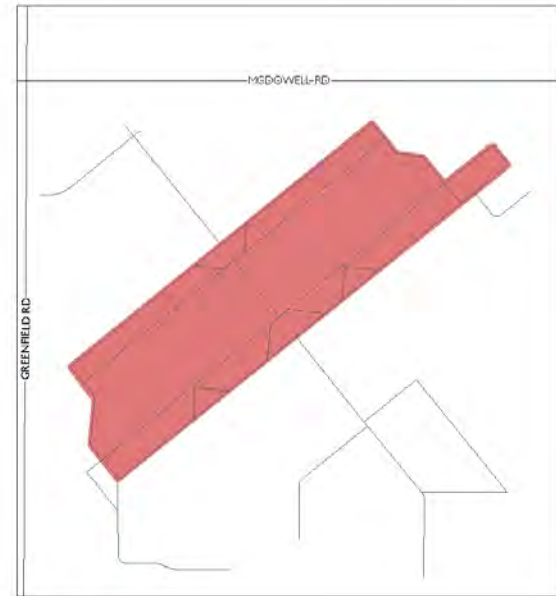
Falcon Field Airport

Project Number and Name

C10439 - Taxiway A and C Reconfiguration

Project Description

Realign existing Taxiways A and C between the south side of Runway 4L-22R and the north side of Taxiway D to promote the use of Runway 4L-22R for training operations. This project was identified in the Airport Master Plan Update and is part of a continuing effort to enhance the safety, utility, and quality of Falcon Field.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	-	-
Falcon Field Airport	-	\$139,738	\$139,738
Grants - Enterprise	-	\$2,986,393	\$2,986,393
Total	-	\$3,126,131	\$3,126,131

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,534,801	\$1,591,330	-	-	-	-	\$3,126,131
CIP Administration	-	-	-	-	-	-	-
Total	\$1,534,801	\$1,591,330	-	-	-	-	\$3,126,131

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

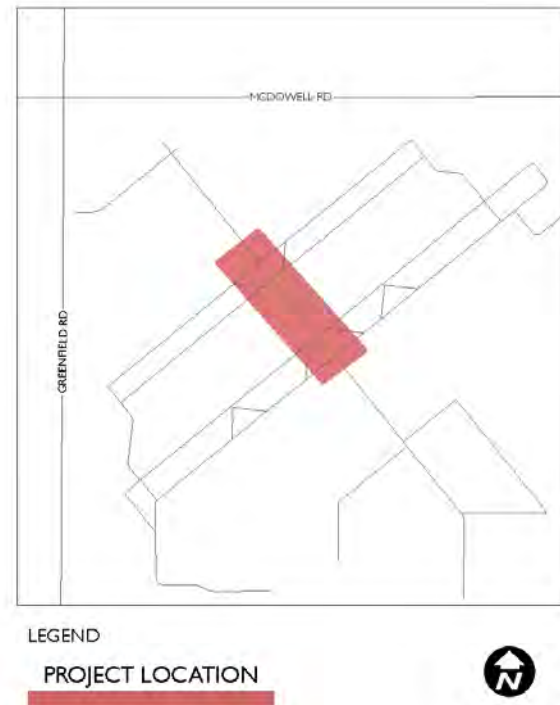
Falcon Field Airport

Project Number and Name

C07041 - Taxiway Bravo Reconfiguration/Install Runway Guard Lights

Project Description

Design and construct runway safety program improvements to the airfield and has been identified as a priority item by the FAA Runway Safety Action Team (RSAT).



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$26,413	-	\$26,413
Grants - Enterprise	\$125,235	\$8,988	\$134,223
Total	\$151,648	\$8,988	\$160,636

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$8,684	-	-	-	-	-	\$8,684
Construction	-	-	-	-	-	-	-
CIP Administration	\$304	-	-	-	-	-	\$304
Total	\$8,988	-	-	-	-	-	\$8,988

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

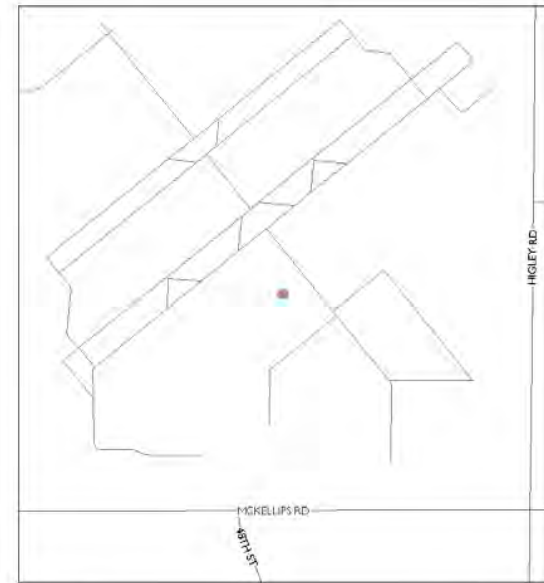
Falcon Field Airport

Project Number and Name

C07039 - Wash Rack Shade Structure

Project Description

Design and construct a shade structure over the existing aircraft wash rack. This project is part of a continuing effort to enhance the utility and quality of Falcon Field.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$6,377	-	\$6,377
Falcon Field Airport	-	\$751,314	\$751,314
Total	\$6,377	\$751,314	\$757,691

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$29,251	-	-	-	-	-	\$29,251
Construction	\$716,807	-	-	-	-	-	\$716,807
CIP Administration	\$5,256	-	-	-	-	-	\$5,256
Total	\$751,314	-	-	-	-	-	\$751,314

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0116 - Water Tower Renovations and Upgrades

Project Description

Remodel the 300,000-gallon water tower located on airport property. Re-paint the existing structure, install lighting improvements, and construct additional site upgrades around the water tower property.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$10,865	-	\$10,865
Falcon Field Airport	-	\$385,745	\$385,745
Total	\$10,865	\$385,745	\$396,610

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$372,700	-	-	-	-	-	\$372,700
CIP Administration	\$13,045	-	-	-	-	-	\$13,045
Total	\$385,745	-	-	-	-	-	\$385,745

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Falcon Field Airport

Project Number and Name

CP0398 - Wildlife Hazard Removal (Trees)

Project Description

Conduct Environmental Assessment and remove tree groves in runway 4L/4R protection zones



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Falcon Field Airport	-	\$55,062	\$55,062
Grants - Enterprise	-	\$1,176,756	\$1,176,756
Total	-	\$1,231,819	\$1,231,819

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$158,169	-	-	\$158,169
Construction	-	-	-	-	\$1,073,650	-	\$1,073,650
Total	-	-	-	\$158,169	\$1,073,650	-	\$1,231,819

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Intelligent Transportation System

Project Number and Name

C10418 - Anonymous Re-Identification (ARID) Sensors to Detect Travel Time and Traffic Incidents

Project Description

Install a traffic signal control system that dynamically adjusts signal timing based on real-time traffic conditions in the Superstition Springs Mall area. If the project proves successful, the system will be expanded in the area around Superstition Springs Mall.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	\$26,488	\$26,488
Total	-	\$26,488	\$26,488

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$159,386	\$749,362	\$908,748
Highway User Revenue Fund	-	\$26,030	\$26,030
Streets Bond Construction	\$104,900	\$137,363	\$242,263
Total	\$264,286	\$912,755	\$1,177,042

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$4,592	-	-	-	-	-	\$4,592
Construction	\$850,612	-	-	-	-	-	\$850,612
Direct Expenses	\$7,945	-	-	-	-	-	\$7,945
CIP Administration	\$23,576	-	-	-	-	-	\$23,576
Total	\$886,725	-	-	-	-	-	\$886,755

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

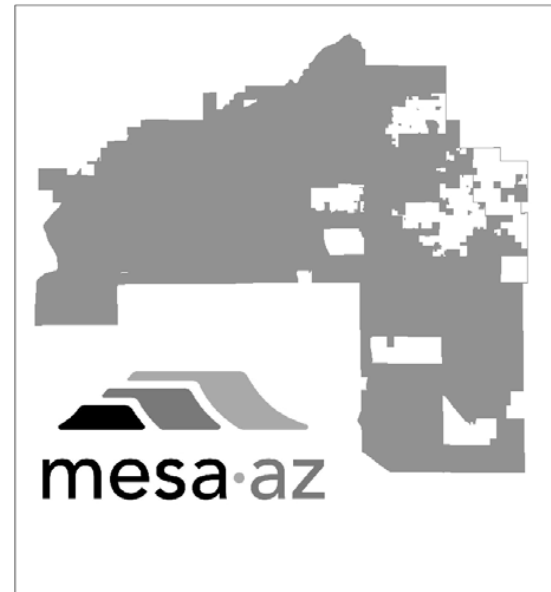
Intelligent Transportation System

Project Number and Name

CP0419 - East Valley Arterial Congestion Monitoring

Project Description

Expand upon the anonymous re-identification sensors systems existing in Mesa and will introduce new systems to Tempe and Gilbert. Design a new congestion monitoring and travel time system for deployment within the jurisdictions participating in this project.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$666,920	\$666,920
Local Streets Sales Tax	-	\$251,339	\$251,339
Total	-	\$918,259	\$918,259

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$150,000	\$48,200	-	-	-	-	\$198,200
Construction	-	\$666,920	-	-	-	-	\$666,920
Direct Expenses	\$3,750	\$18,336	-	-	-	-	\$22,086
CIP Administration	\$5,382	\$25,671	-	-	-	-	\$31,053
Total	\$159,132	\$759,127	-	-	-	-	\$918,259

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

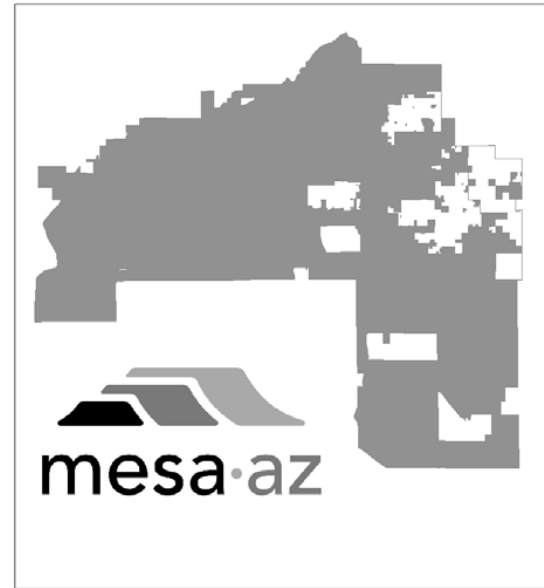
Intelligent Transportation System

Project Number and Name

CP0420 - Integrate Mesa 9-1-1 Call

Project Description

Integrate Mesa 9-1-1 Call: Integrate Computer Aided Dispatch (CAD) data from the Mesa Fire Department 9-1-1 Call Center with the Regional Archived Data Systems (RADS). Mesa's center is the second largest 9-1-1 call center in the region behind the Phoenix Fire Department's 9-1-1 call center and it serves several communities in the East Valley including Mesa, Gilbert, Queen Creek and parts of unincorporated Maricopa County.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$58,543	\$58,543
Local Streets Sales Tax	-	\$63,904	\$63,904
Total	-	\$122,447	\$122,447

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$40,704	-	-	-	-	\$40,704
Construction	-	-	\$77,602	-	-	-	\$77,602
CIP Administration	-	\$1,425	\$2,716	-	-	-	\$4,141
Total	-	\$42,129	\$80,318	-	-	-	\$122,447

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

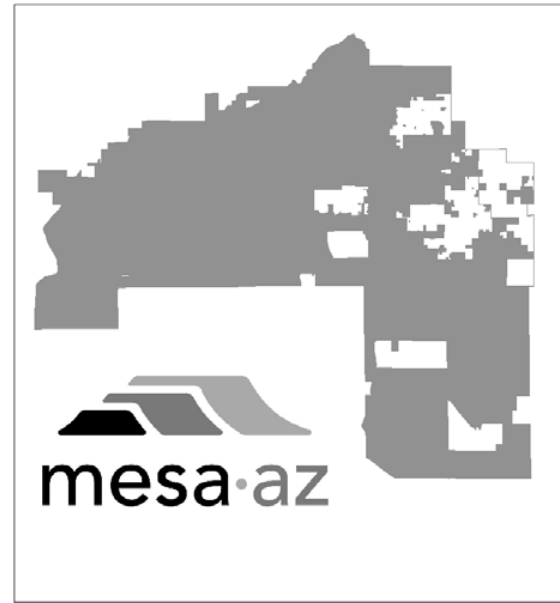
Intelligent Transportation System

Project Number and Name

CP0417 - Intelligent Transportation System Radio Communications

Project Description

Upgrade the radio communications equipment to improve network operation and reliability.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$237,980	\$237,980
Local Streets Sales Tax	-	\$168,154	\$168,154
Total	-	\$406,134	\$406,134

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$15,000	-	-	-	-	-	\$15,000
Construction	-	\$377,021	-	-	-	-	\$377,021
Direct Expenses	\$375	-	-	-	-	-	\$375
CIP Administration	\$540	\$13,198	-	-	-	-	\$13,738
Total	\$15,915	\$390,219	-	-	-	-	\$406,134

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

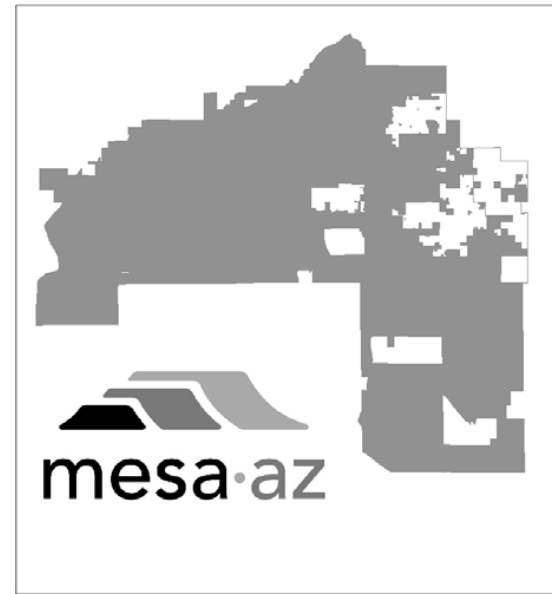
Intelligent Transportation System

Project Number and Name

CP0418 - Intelligent Transportation System Technology Hardware

Project Description

Replace aging computer equipment as it reaches its end of life in the Intelligent Transportation System system. Computer equipment slated to be replaced includes servers, backup storage devices and networking equipment.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$575,606	\$575,606
Total	-	\$575,606	\$575,606

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$245,000	\$249,312	\$67,255	-	-	-	\$561,567
CIP Administration	\$6,125	\$6,233	\$1,681	-	-	-	\$14,039
Total	\$251,125	\$255,545	\$68,937	-	-	-	\$575,606

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

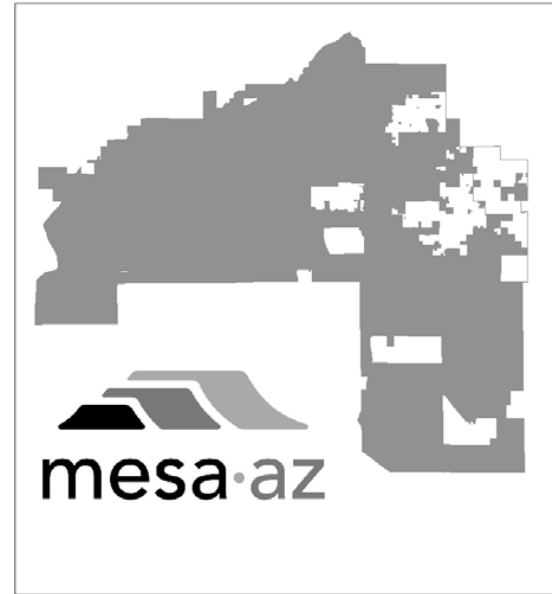
Intelligent Transportation System

Project Number and Name

CP0109 - Maricopa Association of Governments Intelligent Transportation System Projects

Project Description

Design future Maricopa Association of Governments Intelligent Transport System projects. This effort will mean projects will be ready for construction when funding is available.



Project Expenditures by Fund

City Wide

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	-	-
Total	-	-	-

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$1,721,291	\$1,721,291
Total	-	\$1,721,291	\$1,721,291

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$121,263	\$123,470	\$253,710	\$498,442
Construction	-	-	-	-	\$375,778	\$772,160	\$1,147,937
Direct Expenses	-	-	-	\$2,425	\$9,985	\$20,517	\$32,928
CIP Administration	-	-	-	\$3,093	\$12,731	\$26,161	\$41,985
Total	-	-	-	\$126,781	\$521,964	\$1,072,547	\$1,721,291

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Intelligent Transportation System

Project Number and Name

C10417 - West Side Real Time Adaptive Project

Project Description

Implement a traffic signal control system that dynamically adjusts signal timing based on real-time traffic conditions in west Mesa. The specific location for this project will be formalized following a study of traffic and mobility patterns throughout the City of Mesa.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	\$26,173	\$26,173
Total	-	\$26,173	\$26,173

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$479,487	\$562,990	\$1,042,477
Local Streets Sales Tax	\$46,436	-	\$46,436
Streets Bond Construction	\$131,950	\$34,031	\$165,981
Total	\$657,874	\$597,021	\$1,254,895

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-
Construction	\$576,832	-	-	-	-	-	\$576,832
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$20,189	-	-	-	-	-	\$20,189
Total	\$597,021	-	-	-	-	-	\$597,021

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

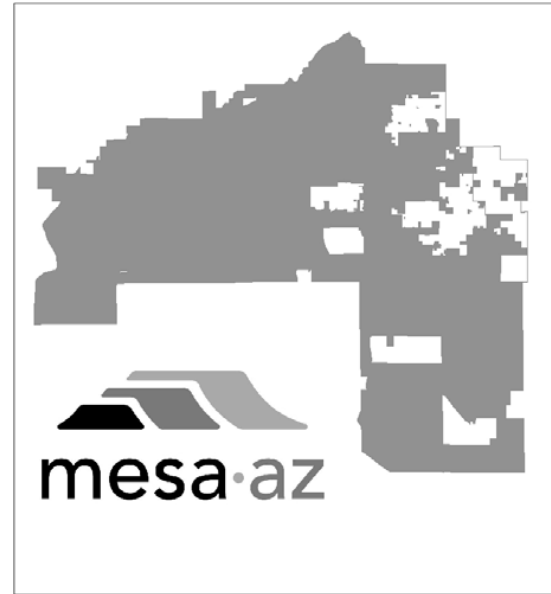
Mass Transit

Project Number and Name

C10432 - Bus Pullouts & Shelters - Citywide

Project Description

Construct ten pullouts and 10-20 shelters (traditional and/or mini-shelters).



Project Expenditures by Fund

City Wide

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Transit Fund	-	\$66,751	\$66,751
Total	-	\$66,751	\$66,751

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$1,074,714	\$1,074,714
Total	-	\$1,074,714	\$1,074,714

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$39,254	\$315,288	\$354,542
Construction	-	-	-	-	\$374,849	\$323,467	\$698,316
Direct Expenses	-	-	-	-	\$1,179	\$1,221	\$2,400
CIP Administration	-	-	-	-	\$10,353	\$9,103	\$19,457
Total	-	-	-	-	\$425,635	\$649,080	\$1,074,714

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Mass Transit

Project Number and Name

CP0339 - Bus Shelter Rehabilitation Phase 1

Project Description

Bus Shelter Rehabilitation Phase 1: This project will rehabilitate existing bus shelters located City-wide that have aged or are in need of additional amenities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Transit Fund	\$57,333	\$56,879	\$114,212
Total	\$57,333	\$56,879	\$114,212

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Land Acquisition	-	-	-	-	-	-	-
Construction	\$54,828	-	-	-	-	-	\$54,828
CIP Administration	\$2,051	-	-	-	-	-	\$2,051
Total	\$56,879	-	-	-	-	-	\$56,879

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

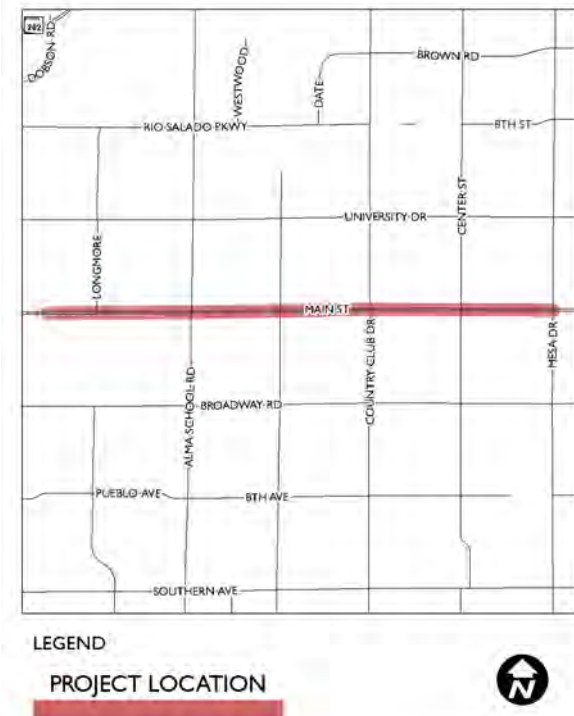
Mass Transit

Project Number and Name

CP0069 - Central Mesa LRT Extension Concurrent Improvements

Project Description

Provides for replacement of existing utility infrastructure to accommodate the installation of the central Mesa Light Rail system.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$23,726	-	\$23,726
Gas Bond Construction	\$3,150	-	\$3,150
Wastewater Bond Construction	\$4,618	-	\$4,618
Water Bond Construction	\$10,499	-	\$10,499
Total	\$41,993	-	\$41,993

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$2,777,065	\$2,988,306	\$5,765,371
Gas Bond Construction	\$560,330	\$37,352	\$597,682
Transit Fund	(\$0)	\$6,300	\$6,300
Wastewater Bond Construction	\$107,392	\$465,106	\$572,498
Water Bond Construction	\$1,755,667	\$155,530	\$1,911,197
Total	\$5,200,454	\$3,652,594	\$8,853,048

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$3,529,077	-	-	-	-	-	\$3,529,077
CIP Administration	\$123,517	-	-	-	-	-	\$123,517
Total	\$3,652,594	-	-	-	-	-	\$3,652,594

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

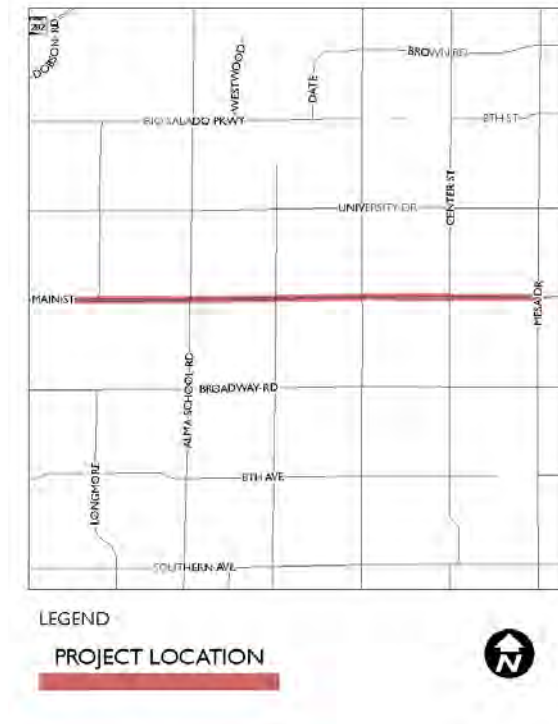
Mass Transit

Project Number and Name

C09046 - Central Mesa Light Rail Extension

Project Description

Construction of approximately 3.1 miles of double track alignment extending along Main Street from the existing light rail system end of line (Sycamore) to a new end of line station between Mesa Drive and Lesueur. Four transit stations will be located at Alma School Road, Country Club Drive, Center Street, and Mesa Drive.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Transit Fund	-	\$4,041,840	\$4,041,840
Total	-	\$4,041,840	\$4,041,840

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$0	-	\$0
Transit Fund	\$10,441,933	\$4,425,841	\$14,867,774
Total	\$10,441,933	\$4,425,841	\$14,867,774

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Land Acquisition	\$2,057,651	-	-	-	-	-	\$2,057,651
Direct Expenses	\$2,000,000	-	-	-	-	-	\$2,000,000
CIP Administration	\$368,190	-	-	-	-	-	\$368,190
Total	\$4,425,841	-	-	-	-	-	\$4,425,841

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Mass Transit

Project Number and Name

CP0124 - Downtown Bus Interface

Project Description

When light rail is constructed through downtown, several existing LINK bus stops will need to be relocated to best connect with the light rail stations. This project includes improvements to relocate LINK shelters in the vicinity of Country Club Dr. and Main Street, Center and Main Street, Centennial and Main Street, and Mesa Drive and Main Street. This facility will also include pedestrian and bicycle amenities.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$2,419,146	\$2,419,146
Transportation	-	-	-
Total	-	\$2,419,146	\$2,419,146

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-
Construction	\$1,878,202	-	-	-	\$540,944	-	\$2,419,146
Total	\$1,878,202	-	-	-	\$540,944	-	\$2,419,146

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Mass Transit

Project Number and Name

CP0348 - East Mesa Service Center Wash Rack

Project Description

Construct an additional wash bay for sweepers and an additional bay for vactor trucks. In addition, the existing pre-treatment equipment will be removed and not replaced as it is no longer needed. Various improvements will be completed to make the facility more efficient.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Environmental Compliance Fee	\$1,997	\$29,334	\$31,331
Total	\$1,997	\$29,334	\$31,331

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$28,284	-	-	-	-	-	\$28,284
CIP Administration	\$1,050	-	-	-	-	-	\$1,050
Total	\$29,334	-	-	-	-	-	\$29,334

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Mass Transit

Project Number and Name

CP0296 - Gilbert Road LRT Extension

Project Description

Construct approximately 2 miles of double track alignment extending along Main Street from Hobson Road to a new end of line station at Gilbert Road. Project is funded with Federal grants and local match.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Transit Fund	-	\$3,343,161	\$3,343,161
Total	-	\$3,343,161	\$3,343,161

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$4,843,000	\$4,843,000
Transit Fund	\$241,787	\$124,393,769	\$124,635,556
Total	\$241,787	\$129,236,769	\$129,478,556

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	\$8,900,000	\$41,742,461	\$34,397,222	\$32,488,041	-	-	\$117,527,723
Direct Expenses	\$5,143,000	\$2,523,139	\$2,079,153	\$1,963,753	-	-	\$11,709,046
Total	\$14,043,000	\$44,265,600	\$36,476,375	\$34,451,794	-	-	\$129,236,769

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Regional Transport Plan

Project Number and Name

C05042 - Dobson Road and University Drive Intersection

Project Description

The Dobson and University Intersection improvements include pavement reconstruction along University, commencing west at the Tempe Canal and extending east approx. 2200 LF, pavement reconstruction along Dobson Road, commencing north at the Tempe Canal and extending south approx. 2650 LF, sidewalk ramp replacement in compliance with current ADA standards, and construction of 2 bus pullouts and shelters.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	-	-
Transit Fund	-	-	-
Total	-	-	-

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$925,891	\$61,950	\$987,841
Streets Bond Construction	\$4,934,751	\$350,000	\$5,284,751
Wastewater Bond Construction	\$419,006	\$21,912	\$440,918
Water Bond Construction	\$1,377,218	\$162,646	\$1,539,864
Total	\$7,656,866	\$596,508	\$8,253,374

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$84,335	-	-	-	-	-	\$84,335
Land Acquisition	-	-	-	-	-	-	-
Construction	\$485,711	-	-	-	-	-	\$485,711
CIP Administration	\$26,462	-	-	-	-	-	\$26,462
Total	\$596,508	-	-	-	-	-	\$596,508

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Regional Transport Plan

Project Number and Name

C01400 - Mesa Drive: 8th Ave. to Main

Project Description

Construct an additional through lane in all directions as well as fully-protected dual left turn lanes. This project will also include construction of bus pullouts at all corners connected by detached sidewalks and new street lighting. This project has been identified as a Regional Transportation Plan project to mitigate traffic delay and congestion and enhance safety.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$1,975,509	\$1,975,509
Streets Bond Construction	\$19,454	\$14,000,000	\$14,019,454
Total	\$19,454	\$15,975,509	\$15,994,963

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$1,105,255	-	-	-	-	-	\$1,105,255
Land Acquisition	\$500,000	\$508,800	-	-	-	-	\$1,008,800
Construction	\$5,699,759	\$7,474,960	-	-	-	-	\$13,174,719
Direct Expenses	\$156	\$1,607	-	-	-	-	\$1,763
CIP Administration	\$268,879	\$416,094	-	-	-	-	\$684,973
Total	\$7,574,049	\$8,401,460	-	-	-	-	\$15,975,509

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Regional Transport Plan

Project Number and Name

C01817 - Mesa Drive: Southern Avenue to US 60

Project Description

Construct fully-protected dual left turn lanes, add a third through lane for each direction on Southern Avenue, and a third southbound through lane on Mesa Drive from US 60 through the intersection at Southern Avenue to mitigate traffic delay and congestion and to enhance safety. This includes improvements to utility infrastructure.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	-	-
Transit Fund	-	-	-
Total	-	-	-

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$439,456	-	\$439,456
Gas Bond Construction	\$2,004,836	\$2,846	\$2,007,682
Local Streets Sales Tax	\$2,931,091	\$130,190	\$3,061,281
Streets Bond Construction	\$15,449,284	-	\$15,449,284
Transportation	\$0	-	\$0
Wastewater Bond Construction	\$125,772	\$2,846	\$128,618
Water Bond Construction	\$3,325,192	\$126,963	\$3,452,155
Total	\$24,275,631	\$262,845	\$24,538,476

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$11,463	-	-	-	-	-	\$11,463
Land Acquisition	-	-	-	-	-	-	-
Construction	\$240,273	-	-	-	-	-	\$240,273
CIP Administration	\$11,109	-	-	-	-	-	\$11,109
Total	\$262,845	-	-	-	-	-	\$262,845

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

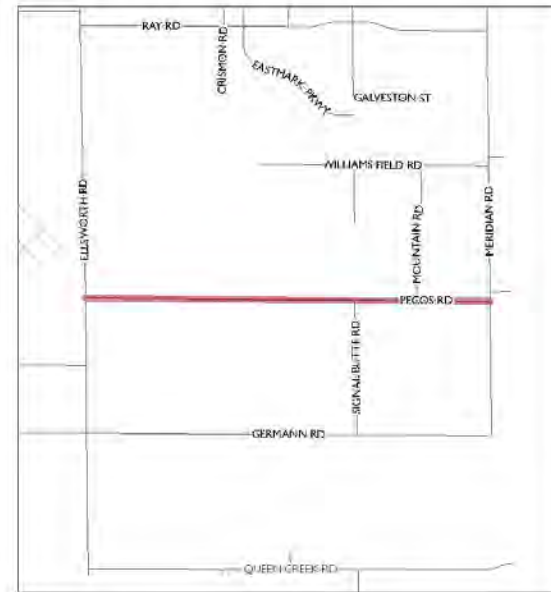
Regional Transport Plan

Project Number and Name

C06040 - Pecos Road: Ellsworth Road to Meridian Road

Project Description

Improve mobility and access in this area of Pecos Road, completing any sections that have not been completed by adjacent development at the time of development construction.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$3,296,019	\$3,296,019
Streets Bond Construction	-	\$22,677,727	\$22,677,727
Transportation	-	(\$0)	(\$0)
Water Bond Construction	-	\$4,615,519	\$4,615,519
Total	-	\$30,589,265	\$30,589,265

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$1,776,898	\$1,783,735	\$3,560,633
Land Acquisition	-	-	-	-	-	\$9,827,442	\$9,827,442
Construction	-	-	-	-	-	\$16,120,718	\$16,120,718
Direct Expenses	-	-	-	-	\$1,416	\$93,984	\$95,400
CIP Administration	-	-	-	-	\$44,436	\$940,636	\$985,072
Total	-	-	-	-	\$1,822,751	\$28,766,515	\$30,589,265

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Regional Transport Plan

Project Number and Name

C07066 - Power Road; San Tan Freeway to Pecos Road

Project Description

Widen Power Road to a 6-lane principal arterial street, street lighting, landscaping, bike lanes, curb and gutter. At intersection locations, there will be dual left-turn lanes. Exclusive right turn lanes will be at selected intersections. This is a joint project with Maricopa County and Town of Gilbert.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	-	-
Transit Fund	-	-	-
Total	-	-	-

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$8,886	-	\$8,886
Local Streets Sales Tax	\$3,997,154	\$1,691,754	\$5,688,908
Streets Bond Construction	\$14,714,818	\$887,462	\$15,602,280
Transportation	\$10,500,000	-	\$10,500,000
Wastewater Bond Construction	\$631	\$1,861,208	\$1,861,839
Water Bond Construction	\$22,143	\$221,054	\$243,197
Total	\$29,243,632	\$4,661,478	\$33,905,110

Project Expenditures by Phase and Year - Capital

Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19

Regional Transport Plan

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	\$233,485	-	-	-	-	-	\$233,485
Construction	\$4,270,359	-	-	-	-	-	\$4,270,359
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$157,634	-	-	-	-	-	\$157,634
Construction Administration	-	-	-	-	-	-	-
Total	\$4,661,478	-	-	-	-	-	\$4,661,478

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Regional Transport Plan

Project Number and Name

C01434 - Southern Avenue and Country Club Drive Intersection Improvements

Project Description

Construct intersection improvements to include an additional westbound through lane east of Country Club Drive, bus bays, and right turn lanes to reduce traffic congestion and improve safety. Utility infrastructure improvements will also be completed in conjunction with the street improvements.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	\$24,017	\$24,017
Transit Fund	-	\$1,466	\$1,466
Total	-	\$25,483	\$25,483

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$19,759	\$1,813,164	\$1,832,923
Grants - Gen. Gov.	-	\$2,304,191	\$2,304,191
Streets Bond Construction	\$446,383	\$8,040,142	\$8,486,525
Wastewater Bond Construction	\$9,737	\$600,915	\$610,653
Water Bond Construction	\$76,618	\$2,595,101	\$2,671,719
Total	\$552,498	\$15,353,514	\$15,906,012

Project Expenditures by Phase and Year - Capital

Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19

Regional Transport Plan

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$3,134	-	\$146,099	\$658,870	\$157,495	-	\$965,598
Land Acquisition	\$35,000	-	-	-	\$2,287,955	\$174,876	\$2,497,831
Construction	-	-	-	\$1,562,785	\$3,253,132	\$6,721,040	\$11,536,957
Direct Expenses	-	-	\$146	\$1,563	\$169,563	-	\$171,271
CIP Administration	\$1,335	-	\$8,769	\$93,802	\$77,951	-	\$181,858
Operations & Maintenance	-	-	-	-	-	-	-
Total	\$39,469	-	\$155,014	\$2,317,020	\$5,946,095	\$6,895,916	\$15,353,514

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

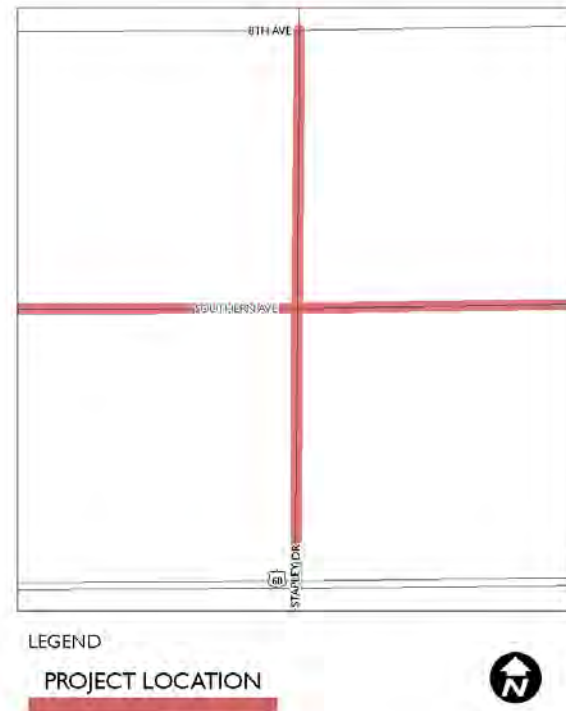
Regional Transport Plan

Project Number and Name

C01814 - Southern Avenue and Stapley Drive Intersection Improvements

Project Description

Currently about 57,300 vehicles pass through the Southern Avenue and Stapley Drive intersection each day, with significant peak period delay and congestion on both roadways. This Regional Transportation Plan (RTP) project has been identified to mitigate traffic delay and congestion and to enhance safety at this intersection. Improvements include construction of dual left turn lanes and additional through lanes. In addition, this project will improve the aging gas and storm sewer infrastructure.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$23,934	\$23,934
Transit Fund	-	\$1,990	\$1,990
Total	-	\$25,924	\$25,924

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$43,948	\$1,930,630	\$1,974,579
Grants - Gen. Gov.	-	\$2,185,950	\$2,185,950
Local Streets Sales Tax	-	-	-
Streets Bond Construction	\$360,110	\$16,148,274	\$16,508,384
Transportation	(\$0)	-	(\$0)
Wastewater Bond Construction	\$17,964	\$52,503	\$70,467
Water Bond Construction	\$6,595	\$220,187	\$226,782
Total	\$428,617	\$20,537,545	\$20,966,161

Project Expenditures by Phase and Year - Capital

Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19

Regional Transport Plan

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$349,469	\$1,241,153	-	-	\$1,590,622
Land Acquisition	\$30,000	-	-	\$5,535,905	-	-	\$5,565,905
Construction	-	-	-	\$1,632,900	\$7,854,117	\$2,308,289	\$11,795,306
Direct Expenses	-	-	\$12,231	\$232,482	\$271,711	\$80,791	\$597,214
CIP Administration	\$1,050	-	\$18,085	\$450,268	\$399,640	\$119,455	\$988,499
Total	\$31,050	-	\$379,785	\$9,092,707	\$8,525,468	\$2,508,534	\$20,537,545

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Shared Use Paths

Project Number and Name

C06008 - Dobson Road Pedestrian and Bicycle Route Improvements
(Broadway to Main Street)

Project Description

Construct a bicycle and pedestrian route along Dobson Road from Broadway to Main Street. Dobson Road will be upgraded on both sides of the street to improve pedestrian and bicycle safety.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$16,492	\$1,523,210	\$1,539,702
Local Streets Sales Tax	\$404,708	\$38,097	\$442,805
Total	\$421,200	\$1,561,307	\$1,982,507

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$536	-	-	-	-	-	\$536
Land Acquisition	-	-	-	-	-	-	-
Construction	\$1,507,973	-	-	-	-	-	\$1,507,973
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$52,798	-	-	-	-	-	\$52,798
Total	\$1,561,307	-	-	-	-	-	\$1,561,307

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Shared Use Paths

Project Number and Name

C06037 - Fiesta Paseo Pathway and Micro Park

Project Description

Pedestrian circulation between commercial centers, Mesa Community College and Banner Desert hospital is not obvious, comfortable or convenient due to the priority given to automobiles. More attention given to pedestrian needs will create a more desirable environment for pedestrians and bicyclists.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$17,603	\$17,603
Total	-	\$17,603	\$17,603

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$998,870	\$998,870
Local Streets Sales Tax	\$1,133	\$483,840	\$484,973
Streets Bond Construction	\$417,428	-	\$417,428
Total	\$418,562	\$1,482,710	\$1,901,272

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	-	-	-	-	-	-	-
Construction	\$1,427,573	-	-	-	-	-	\$1,427,573
Direct Expenses	\$4,997	-	-	-	-	-	\$4,997
CIP Administration	\$50,140	-	-	-	-	-	\$50,140
Total	\$1,482,710	-	-	-	-	-	\$1,482,710

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Shared Use Paths

Project Number and Name

CP0107 - Gateway Shared Use Path, Power Road to Baseline Road

Project Description

This project will construct a shared use path along the drainage channel located on the south side of Loop 202/Santan Freeway from Power Road to Baseline. Transportation will conduct a feasibility study to apply for federal funding to be combined with local funds to design and construct the path. A 10-foot wide shared use pathway with landscaping, rest areas and lighting is planned. This path will provide 5.6 miles of paved shared use path.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$6,802	\$6,802
Total	-	\$6,802	\$6,802

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	-	-
Streets Bond Construction	-	\$8,167,730	\$8,167,730
Total	-	\$8,167,730	\$8,167,730

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$6,277,087	-	-	-	\$6,277,087
Construction	-	-	-	\$1,890,643	-	-	\$1,890,643
Total	-	-	\$6,277,087	\$1,890,643	-	-	\$8,167,730

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Shared Use Paths

Project Number and Name

CP0160 - Main Street Bicycle 'Complete Streets' Feasibility Study
(Gilbert to Sossaman)

Project Description

Conduct a feasibility study for Complete Streets Applications along Main Street from Gilbert to Sossaman Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$9,458,482	\$9,458,482
Total	-	\$9,458,482	\$9,458,482

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$773,059	-	\$773,059
Construction	-	-	-	-	-	\$7,930,397	\$7,930,397
Direct Expenses	-	-	-	-	\$38,652	\$396,520	\$435,173
CIP Administration	-	-	-	-	\$28,411	\$291,442	\$319,853
Total	-	-	-	-	\$840,123	\$8,618,360	\$9,458,482

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

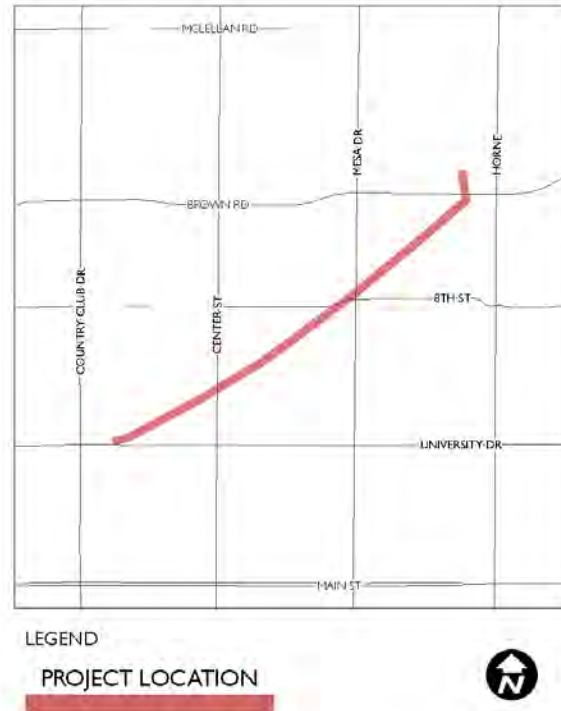
Shared Use Paths

Project Number and Name

C10460 - Porter Park Pathway

Project Description

Provide 1.1 miles of paved shared use path between Mesa Drive and 8th Street near the vicinity of Kino Junior High. The project will integrate pedestrian and bike amenities to the existing park.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$6,110	\$6,110
Total	-	\$6,110	\$6,110

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	(\$20,054)	\$1,451,643	\$1,431,589
Local Streets Sales Tax	\$190,457	\$293,819	\$484,276
Total	\$170,403	\$1,745,462	\$1,915,865

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$64,000	-	-	-	-	-	\$64,000
Construction	\$1,533,749	-	-	-	-	-	\$1,533,749
Direct Expenses	\$12,000	-	-	-	-	-	\$12,000
CIP Administration	\$135,713	-	-	-	-	-	\$135,713
Total	\$1,745,462	-	-	-	-	\$0	\$1,745,462

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Shared Use Paths

Project Number and Name

C10469 - Rio Salado Pathway Segment 3

Project Description

The Rio Salado Pathway is part of a corridor that links the cities of Phoenix, Tempe and Mesa on the south side of the Salt River (Rio Salado). At the local level, benefits of this two-mile project include the creation of an alternative transportation mode connecting the Tempe Marketplace commercial node, Tempe Town Lake, Mesa Dobson Road, Mesa Riverview commercial center and a new Spring Training facility.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$9,922	\$9,922
Total	-	\$9,922	\$9,922

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	\$24,959	\$1,000,000	\$1,024,959
Local Streets Sales Tax	\$20,146	-	\$20,146
Parks Bond Construction	\$1,779	\$232,192	\$233,971
Total	\$46,883	\$1,232,192	\$1,279,075

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$211,657	-	-	-	-	-	\$211,657
Construction	\$1,013,127	-	-	-	-	-	\$1,013,127
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$7,408	-	-	-	-	-	\$7,408
Total	\$1,232,192	-	-	-	-	-	\$1,232,192

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

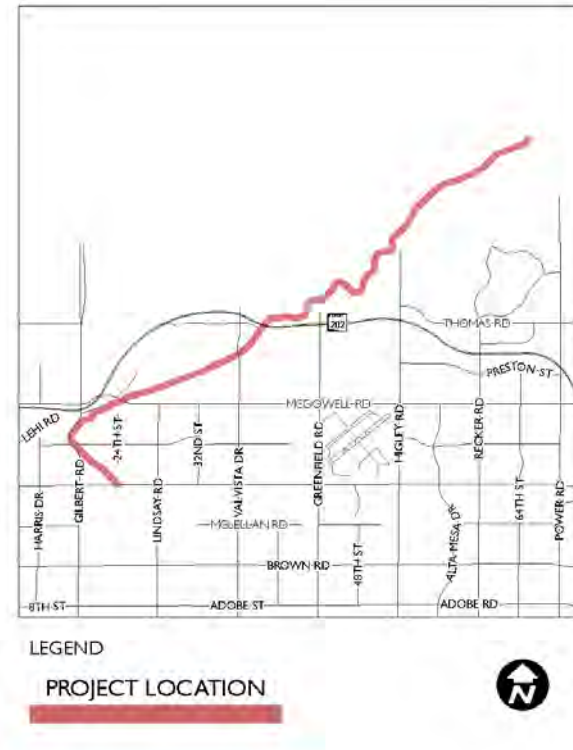
Shared Use Paths

Project Number and Name

CP0422 - South Canal Shared-Use Path

Project Description

Construct a pathway with landscaping, rest areas and lighting along the South Canal from McKellips to Power Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$8,010,405	\$8,010,405
Local Streets Sales Tax	-	\$2,570,471	\$2,570,471
Total	-	\$10,580,876	\$10,580,876

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$107,365	-	\$107,365
Construction	-	-	-	-	-	\$10,013,006	\$10,013,006
Direct Expenses	-	-	-	-	\$5,368	\$455,137	\$460,505
CIP Administration	-	-	-	-	-	-	-
Total	-	-	-	-	\$112,733	\$10,468,143	\$10,580,876

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Shared Use Paths

Project Number and Name

CP0108 - West Mesa Connector Shared Use Path

Project Description

Construct a 10-foot wide shared use pathway with landscaping, rest areas and lighting from Country Club Drive through the Mesa Country Club and extending along the Tempe Canal to Dobson Road. This path will provide 2.0 miles of paved shared use path.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
General Fund	-	\$37,376	\$37,376
Total	-	\$37,376	\$37,376

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Parks Bond Construction	\$9,637	\$3,411,493	\$3,421,130
Total	\$9,637	\$3,411,493	\$3,421,130

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$233,326	-	-	-	-	-	\$233,326
Construction	\$3,052,710	-	-	-	-	-	\$3,052,710
Direct Expenses	\$6,340	-	-	-	-	-	\$6,340
CIP Administration	\$119,117	-	-	-	-	-	\$119,117
Total	\$3,411,493	-	-	-	-	-	\$3,411,493

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Storm Sewer

Project Number and Name

CP0415 - 90th Street & Butternut Avenue Drainage Improvements

Project Description

This project includes the construction of storm drainage infrastructure in the vicinity of the 90th Street and Butternut Avenue intersection. This project will be constructed under the Districts Small Project Assistance Program for FY 2015. The benefits of the project include a reduction of the flood hazard to the nearby parcels and roadways. The District (through Flood Control District of Maricopa County) will cost share 75% of the construction cost of this project.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Grants - Gen. Gov.	-	\$250,000	\$250,000
Local Streets Sales Tax	-	\$81,152	\$81,152
Total	-	\$331,152	\$331,152

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$20,000	-	-	-	-	-	\$20,000
Construction	\$293,075	-	-	-	-	-	\$293,075
Direct Expenses	\$10,000	-	-	-	-	-	\$10,000
CIP Administration	\$8,077	-	-	-	-	-	\$8,077
Total	\$331,152	-	-	-	-	-	\$331,152

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Streets

Project Number and Name

CP0343 - 10th Street Multimodal Transportation Development

Project Description

Investing in neighborhoods through multi-modal transportation projects such as traffic calming, street improvements, and bicycle and pedestrian enhancements makes neighborhoods more livable. It also creates streetscapes that are inviting for pedestrians and bicyclists.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$11,382	\$11,382
Total	-	\$11,382	\$11,382

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$7,996	\$1,200,000	\$1,207,996
Total	\$7,996	\$1,200,000	\$1,207,996

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$120,000	-	-	-	-	-	\$120,000
Construction	\$1,043,750	-	-	-	-	-	\$1,043,750
Direct Expenses	\$6,250	-	-	-	-	-	\$6,250
CIP Administration	\$30,000	-	-	-	-	-	\$30,000
Total	\$1,200,000	-	-	-	-	-	\$1,200,000

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0439 - Arterial Road Reconstruction

Project Description

Reconstruct critical arterial roadways citywide. Transportation uses a criteria-based approach to pavement management. Street conditions are graded to prioritize street reconstruction.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$95,749	\$22,194,415	\$22,290,165
Total	\$95,749	\$22,194,415	\$22,290,165

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$1,215,391	\$345,984	\$175,898	-	-	-	\$1,737,273
Construction	\$7,862,501	\$8,000,881	\$3,818,028	-	-	-	\$19,681,410
Direct Expenses	\$85,000	\$86,496	\$41,388	-	-	-	\$212,884
CIP Administration	\$243,138	\$216,240	\$103,470	-	-	-	\$562,848
Total	\$9,406,030	\$8,649,601	\$4,138,784	-	-	-	\$22,194,415

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

C10558 - Arterial Street Reconstruction Group 2

Project Description

Reconstruct one mile of pavement on Southern Avenue from Greenfield to Higley. The current surface has reached the end of its useful life and meets Transportation's criteria for reconstruction.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$3,514	-	\$3,514
Water Bond Construction	\$13,727	\$911,427	\$925,153
Total	\$17,241	\$911,427	\$928,667

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	-	-	-	\$880,393	-	\$880,393
Direct Expenses	-	-	-	-	\$8,804	-	\$8,804
CIP Administration	-	-	-	-	\$22,230	-	\$22,230
Total	-	-	-	-	\$911,427	-	\$911,427

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0185 - Bridge Sidewalk Ramp Improvements

Project Description

Construct sidewalk ramp improvements at the canal intersections to improve commuter safety.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$186,087	\$115,170	\$301,257
Total	\$186,087	\$115,170	\$301,257

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$111,275	-	-	-	-	-	\$111,275
CIP Administration	\$3,895	-	-	-	-	-	\$3,895
Total	\$115,170	-	-	-	-	-	\$115,170

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Streets

Project Number and Name

CP0029 - Broadway Road: Dobson Road to Country Club Drive

Project Description

This project has been identified as a Regional Transportation Plan project to mitigate traffic delay and congestion and enhance safety. Specifically, this project will construct lane extensions around the intersections of Dobson Road, Alma School Road, and Extension Road, and the half-mile segment between Alma School Road and Extension Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$185,269	\$185,269
Gas Bond Construction	-	\$1,153,607	\$1,153,607
Streets Bond Construction	-	\$23,423,329	\$23,423,329
Water Bond Construction	-	\$2,169,554	\$2,169,554
Total	-	\$26,931,759	\$26,931,759

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$818,375	\$3,010,579	\$3,828,954
Land Acquisition	-	-	-	-	-	\$6,777,643	\$6,777,643
Construction	-	-	-	-	\$180,571	\$15,444,594	\$15,625,164
Direct Expenses	-	-	-	-	\$1,458	\$42,235	\$43,694
CIP Administration	-	-	-	-	\$24,981	\$631,324	\$656,305
Total	-	-	-	-	\$1,025,384	\$25,906,375	\$26,931,759

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

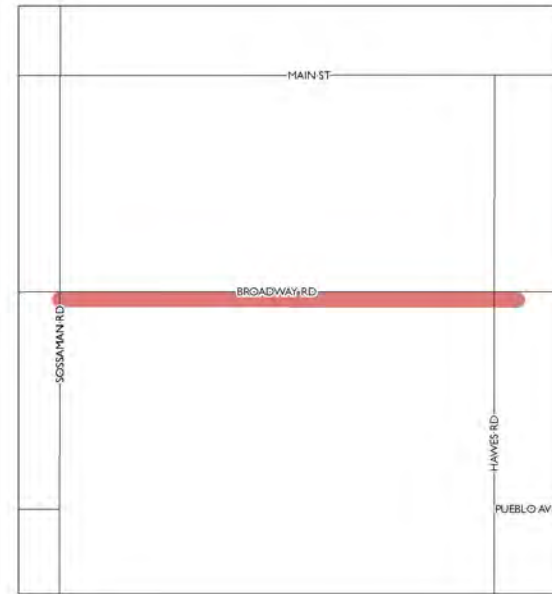
Streets

Project Number and Name

C01716 - Broadway Road: Sossaman to Hawes Road

Project Description

Rebuild Broadway Road with a normal crown, install new traffic signals, streetlights, landscaping and storm sewer. Currently Broadway Road east of Power Road to Hawes is an inverted crown street, meaning the center is lower than the curbs. This street carries a large amount of storm runoff causing difficulty in traffic movement and rapid pavement deterioration.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	-	-
Total	-	-	-

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$7,200,089	\$3,820,186	\$11,020,275
Wastewater Bond Construction	\$468,932	\$65,608	\$534,540
Water Bond Construction	\$1,113,369	\$491,527	\$1,604,896
Total	\$8,782,390	\$4,377,321	\$13,159,711

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$46,068	-	-	-	-	-	\$46,068
Land Acquisition	-	-	-	-	-	-	-
Construction	\$4,183,227	-	-	-	-	-	\$4,183,227
CIP Administration	\$148,026	-	-	-	-	-	\$148,026
Total	\$4,377,321	-	-	-	-	-	\$4,377,321

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0060 - Country Club Drive and Brown Road Intersection Improvements

Project Description

The intersection of Country Club Drive and Brown Road is currently experiencing traffic congestion in the east/west direction due to lack of dual lefts lanes on Brown Road. This project has been identified as a Regional Transportation Plan project to mitigate traffic delay and congestion and enhance safety. Specifically, this project will install dual left turn lanes for east/west traffic and right turn lanes.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$137,334	\$137,334
Water Bond Construction	-	\$1,420,160	\$1,420,160
Total	-	\$1,557,495	\$1,557,495

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$134,598	-	\$134,598
Construction	-	-	-	-	-	\$1,372,273	\$1,372,273
Direct Expenses	-	-	-	-	\$12	\$12,625	\$12,637
CIP Administration	-	-	-	-	\$3,365	\$34,622	\$37,987
Total	-	-	-	-	\$137,975	\$1,419,520	\$1,557,495

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

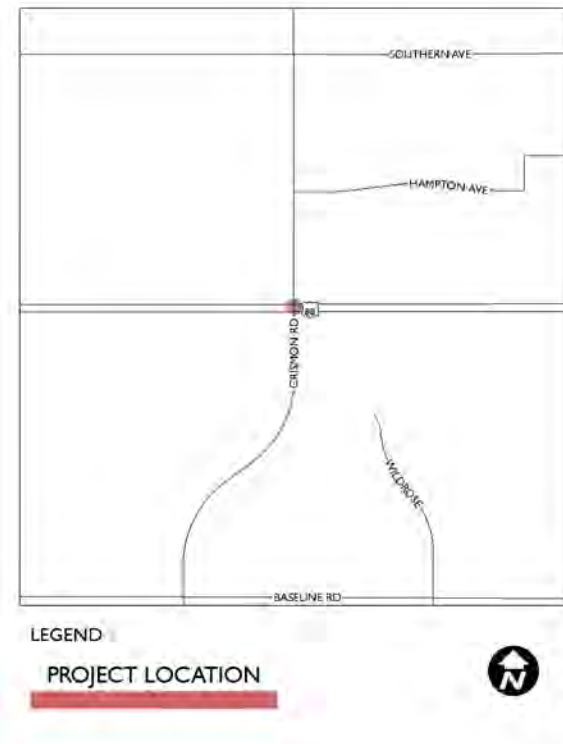
Streets

Project Number and Name

CP0283 - Crismon and US 60 Dual Left Turn Conversion

Project Description

Construct dual left turn lanes at Crismon and US 60 to improve traffic flow.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$26,610	\$40,676	\$67,286
Total	\$26,610	\$40,676	\$67,286

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$39,433	-	-	-	-	-	\$39,433
Direct Expenses	\$500	-	-	-	-	-	\$500
CIP Administration	\$743	-	-	-	-	-	\$743
Total	\$40,676	-	-	-	-	-	\$40,676

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CN0004 - Germann & Sossaman Intersection

Project Description

Develop a Design Concept Report (DCR) to evaluate the intersection of Germann Road and Sossaman Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$1,238	\$55,000	\$56,238
Total	\$1,238	\$55,000	\$56,238

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$48,000	-	-	-	-	-	\$48,000
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$7,000	-	-	-	-	-	\$7,000
Total	\$55,000	-	-	-	-	-	\$55,000

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Streets

Project Number and Name

CP0275 - Fiesta District Improvements Phase II

Project Description

The Fiesta Improvement District is a multifaceted project with the goal of improving the area near the Fiesta Mall. The City of Mesa anticipates that this project will help revitalize the area and define the Fiesta Mall area as a unique, vibrant commercial district and destination within Mesa. Enhancements include vehicular, pedestrian, and bicyclist traffic changes as well as landscaping, lighting and signage improvements.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$25,609	\$25,609
Total	-	\$25,609	\$25,609

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$137,725	\$10,000,000	\$10,137,724
Total	\$137,725	\$10,000,000	\$10,137,724

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$200,000	-	-	-	-	-	\$200,000
Construction	\$1,712,500	\$7,653,149	-	-	-	-	\$9,365,649
Direct Expenses	\$25,000	\$76,320	-	-	-	-	\$101,320
CIP Administration	\$62,500	\$270,531	-	-	-	-	\$333,031
Total	\$2,000,000	\$8,000,000	-	-	-	-	\$10,000,000

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

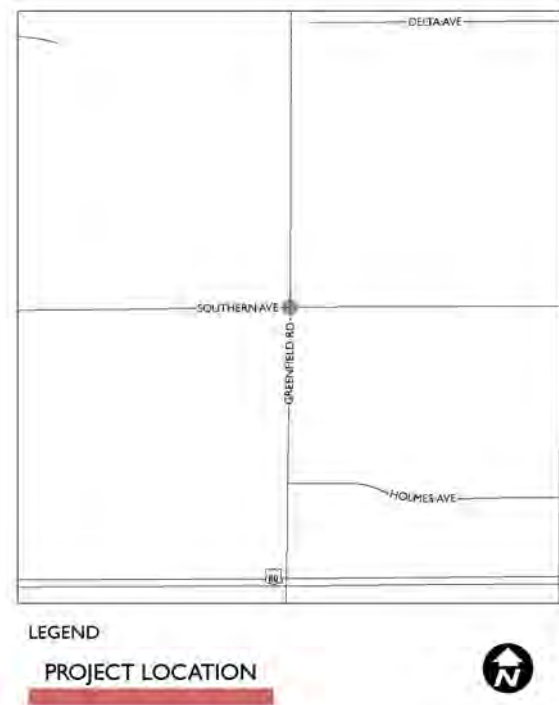
Streets

Project Number and Name

CP0057 - Greenfield Road; Southern Avenue to University Drive

Project Description

With added development in Mesa and additional traffic loads from the Superstition Freeway, Greenfield Road needs to be improved to accommodate traffic growth without significant delay. This project includes construction of dual left turn lanes for adequate capacity and other enhancements for improved safety. Additional improvements include installing new utility lines.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$6,961,399	\$6,961,399
Water Bond Construction	-	\$2,113,078	\$2,113,078
Total	-	\$9,074,478	\$9,074,478

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$478,909	\$305,158	\$784,067
Construction	-	-	-	-	\$2,730,104	\$5,308,604	\$8,038,708
Direct Expenses	-	-	-	-	\$12,747	\$17,922	\$30,669
CIP Administration	-	-	-	-	\$80,456	\$140,578	\$221,035
Total	-	-	-	-	\$3,302,217	\$5,772,261	\$9,074,478

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0059 - Lindsay Road and Brown Road Intersection Improvements

Project Description

Increase capacity and safety of the intersection of Lindsay Rd and Brown Rd. Add dual left turns in all directions, right turn lanes, and bike lanes where they do not exist.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$7,113,931	\$7,113,931
Water Bond Construction	-	\$887,600	\$887,600
Total	-	\$8,001,531	\$8,001,531

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$651,903	-	\$651,903
Land Acquisition	-	-	-	-	-	\$1,973,746	\$1,973,746
Construction	-	-	-	-	-	\$5,165,052	\$5,165,052
Direct Expenses	-	-	-	-	\$1,179	\$14,689	\$15,868
CIP Administration	-	-	-	-	\$16,297	\$178,666	\$194,963
Total	-	-	-	-	\$669,379	\$7,332,152	\$8,001,531

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

C10370 - McKellips at Greenfield Intersection Improvements

Project Description

This project would improve the intersection and provide 3 thru-lanes, exclusive right turn lanes, bike lanes, dual left turn lanes, and if needed bus pullouts. The project would widen the intersection taking McKellips from a 4 to 6 lane road, and on McKellips from 39th to Greenfield provide curb, gutter and sidewalks needed on the north and south side of the road. Improvements would also install streetlights needed on both sides.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$323,784	\$323,784
Streets Bond Construction	-	\$4,743,669	\$4,743,669
Water Bond Construction	-	\$1,055,897	\$1,055,897
Total	-	\$6,123,350	\$6,123,350

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$257,135	\$268,538	\$525,673
Land Acquisition	-	-	-	-	\$74,101	-	\$74,101
Construction	-	-	-	-	-	\$5,311,770	\$5,311,770
Direct Expenses	-	-	-	-	\$4,832	\$57,746	\$62,579
CIP Administration	-	-	-	-	\$8,388	\$140,839	\$149,227
Total	-	-	-	-	\$344,457	\$5,778,893	\$6,123,350

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0064 - McKellips Road and Higley Road Intersection Improvements

Project Description

This project will start east of Higley and tie into the seven-lane roadway section constructed by the McKellips Road, Val Vista Drive to Higley Road project. McKellips Road at Higley Road will be widened symmetrically to tie into three through lanes in both directions with a two-way continuous left turn lane.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$274,669	\$274,669
Streets Bond Construction	-	\$11,283,290	\$11,283,290
Water Bond Construction	-	\$805,575	\$805,575
Total	-	\$12,363,534	\$12,363,534

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$234,108	\$805,615	\$1,039,724
Land Acquisition	-	-	-	-	\$255,794	\$1,057,977	\$1,313,771
Construction	-	-	-	-	\$1,179	\$9,700,489	\$9,701,668
Direct Expenses	-	-	-	-	\$24	\$7,341	\$7,365
CIP Administration	-	-	-	-	\$12,249	\$288,757	\$301,006
Total	-	-	-	-	\$503,354	\$11,860,180	\$12,363,534

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

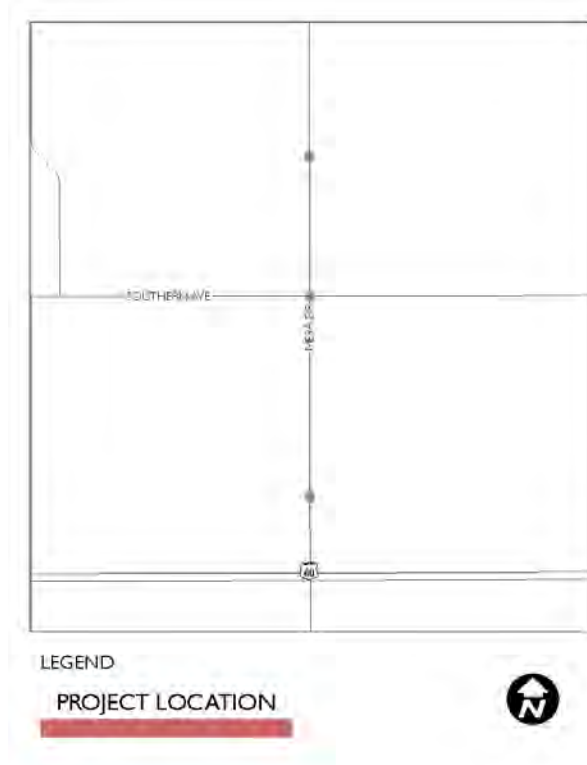
Streets

Project Number and Name

CP0273 - Mesa Drive Pedestrian Plazas

Project Description

The scope of work is to include the installation of landscaping, irrigation, and concrete walkway, four pieces of outdoor exercise equipment, two benches and two trash receptacles. Work will also include a minimal amount of site grading to accommodate these items.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$268,111	\$1,004,905	\$1,273,016
Total	\$268,111	\$1,004,905	\$1,273,016

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$43,690	-	-	-	-	-	\$43,690
Construction	\$936,846	-	-	-	-	-	\$936,846
CIP Administration	\$24,369	-	-	-	-	-	\$24,369
Total	\$1,004,905	-	-	-	-	-	\$1,004,905

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0426 - Railroad Quiet Zone

Project Description

Installation of raised medians and other infrastructure as required by the Federal Rail Road Administration (FRA) to convert the Union Pacific Rail Road route through Mesa into a Quiet Zone. A Quiet Zone is a segment of rail road where the train would not sound its horn going through intersections with roadways.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$413,608	\$413,608
Total	-	\$413,608	\$413,608

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$150,000	-	-	-	-	-	\$150,000
Construction	\$50,000	\$203,520	-	-	-	-	\$253,520
CIP Administration	\$5,000	\$5,088	-	-	-	-	\$10,088
Total	\$205,000	\$208,608	-	-	-	-	\$413,608

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

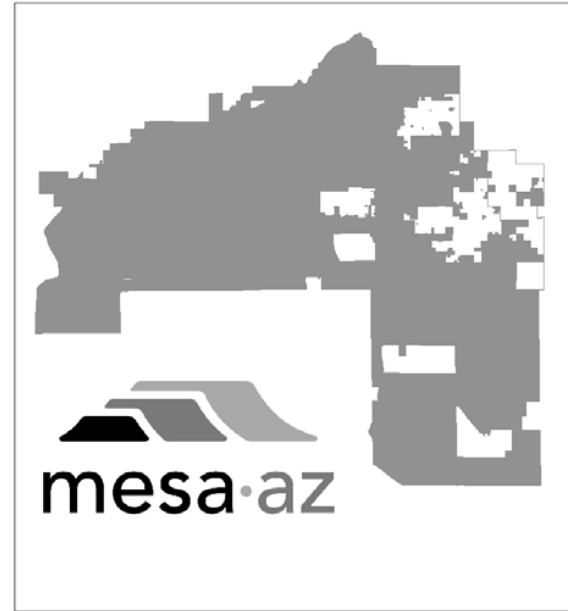
Streets

Project Number and Name

CP0279 - Right-of-way Improvements

Project Description

Install landscaping improvements to right-of-ways at various citywide locations.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$219,078	\$3,124,594	\$3,343,672
Total	\$219,078	\$3,124,594	\$3,343,672

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$2,254,930	\$259,332	-	-	-	\$2,514,262
Construction	\$217,000	\$250,533	\$28,971	-	-	-	\$496,505
Direct Expenses	-	\$6,614	\$1,552	-	-	-	\$8,166
CIP Administration	\$7,595	\$87,922	\$10,144	-	-	-	\$105,661
Total	\$224,595	\$2,600,000	\$300,000	-	-		\$3,124,594

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

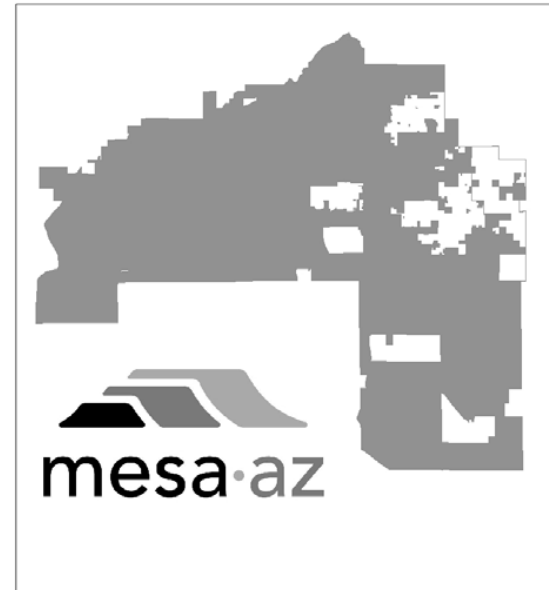
Streets

Project Number and Name

C09027 - Rusted Streetlight Pole Replacements

Project Description

Existing direct burial and older base mounted street light poles have begun to rust. The City will replace the existing poles with new base mounted poles.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$420,101	\$1,774,464	\$2,194,564
Total	\$420,101	\$1,774,464	\$2,194,564

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$675,500	\$687,389	\$349,469	-	-	-	\$1,712,357
Installation	-	-	-	-	-	-	-
Direct Expenses	\$7,000	\$7,123	\$3,621	-	-	-	\$17,745
CIP Administration	\$17,500	\$17,808	\$9,054	-	-	-	\$44,362
Total	\$700,000	\$712,320	\$362,144	-	-	-	\$1,774,464

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

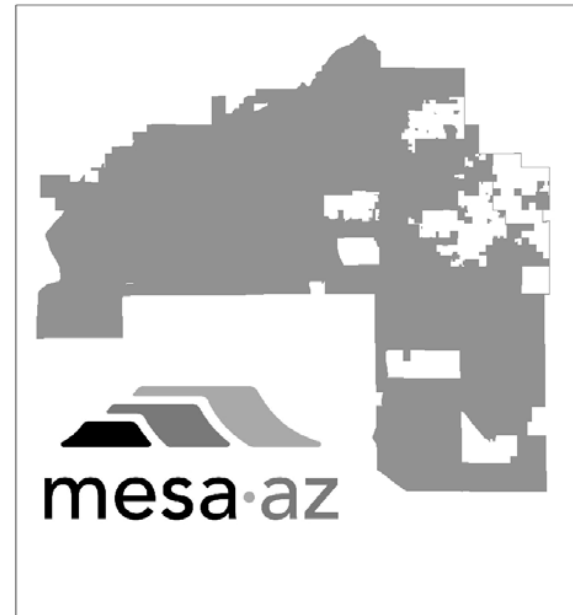
Streets

Project Number and Name

CP0432 - Rusted Streetlight Pole Replacement

Project Description

Replace existing direct burial and older base mounted streetlight poles that have become safety problems because they are structurally unsound and subject to falling over. Direct burial poles would be replaced with base mounted poles. The older base mounted poles that are failing would be replaced with new poles and base foundations.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$2,100,000	\$2,100,000
Total	-	\$2,100,000	\$2,100,000

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$322,165	\$643,257	\$642,701	\$321,293	-	-	\$1,929,416
Construction	\$15,000	\$30,528	\$31,041	\$15,817	-	-	\$92,386
Direct Expenses	\$1,000	\$2,544	\$2,587	\$1,054	-	-	\$7,185
CIP Administration	\$11,835	\$23,671	\$23,671	\$11,835	-	-	\$71,012
Total	\$350,000	\$700,000	\$700,000	\$350,000	-	-	\$2,100,000

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0061 - Southern Avenue and Higley Road Intersection Improvements

Project Description

The Higley Road and Southern Avenue intersection will be widened to three through lanes, two left turn lanes and one right turn lane in all four directions according to COM standards. This will require the addition of one left turn lane and one through lane in the westbound direction and one left turn lane, one through lane and one right turn lane in the eastbound direction. New bus pullouts with bus shelter will be added on Southern Avenue to the northwest and southeast corners.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$722,052	\$722,052
Total	-	\$722,052	\$722,052

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$61,405	-	\$61,405
Construction	-	-	-	-	-	\$636,670	\$636,670
Direct Expenses	-	-	-	-	-	\$6,366	\$6,366
CIP Administration	-	-	-	-	\$1,535	\$16,076	\$17,611
Total	-	-	-	-	\$62,941	\$659,112	\$722,052

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Streets

Project Number and Name

CP0058 - Southern Avenue and Lindsay Road Intersection Improvements

Project Description

Major intersections east and west of Lindsay Road and Southern Avenue have been or are planned to be improved to accommodate traffic capacity and improve safety. This project has been identified as a Regional Transportation Plan project to mitigate traffic delay and congestion and enhance safety. Specifically, this project will construct dual left turn lanes and additional through lanes.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$8,091,819	\$8,091,819
Wastewater Bond Construction	-	\$264,735	\$264,735
Water Bond Construction	-	\$1,065,218	\$1,065,218
Total	-	\$9,421,772	\$9,421,772

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$304,514	\$939,884	\$1,244,398
Land Acquisition	-	-	-	-	\$1,138,960	-	\$1,138,960
Construction	-	-	-	-	-	\$6,769,747	\$6,769,747
Direct Expenses	-	-	-	-	\$2,652		\$39,169
CIP Administration	-	-	-	-	\$36,088	\$193,410	\$229,497
Total	-	-	-	-	\$1,482,214	\$7,939,558	\$9,421,772

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

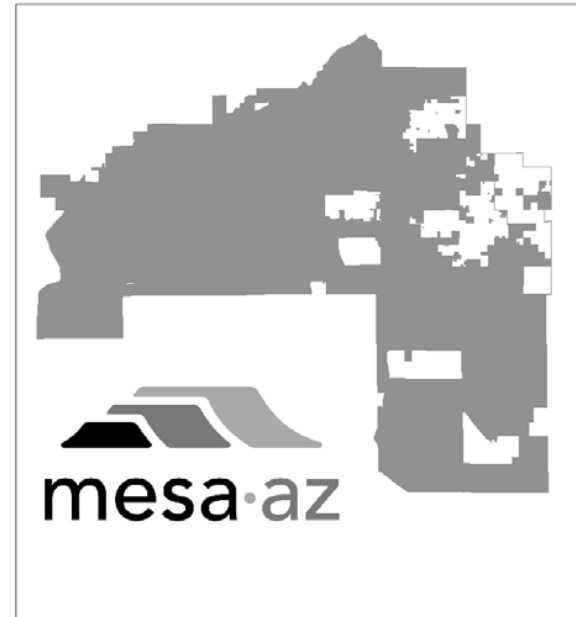
Streets

Project Number and Name

CP0449 - Speed Cushions

Project Description

A study of the effectiveness of speed cushions on eight streets in Mesa showed that, on average, the 85th percentile speeds when measured mid-way between two sets of speed cushions, decreased by about 7 mph. Speed Cushions are a type of speed hump that allow larger vehicles, especially fire trucks, to straddle them without slowing down. Several small speed humps are installed in a series across a roadway with spaces in between them. The small humps look like cushions.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	\$18,403	-	\$18,403
Local Streets Sales Tax	-	\$21,660	\$21,660
Total	\$18,403	\$21,660	\$40,063

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$21,660	-	-	-	-	-	\$21,660
Total	\$21,660	-	-	-	-	-	\$21,660

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0425 - Consolidated Canal Improvements

Project Description

Partner with SRP to improve the aesthetics of the Consolidated Canal pathway.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	-	\$890,243	\$890,243
Total	-	\$890,243	\$890,243

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$890,243	-	-	-	-	-	\$890,243
Total	\$890,243	-	-	-	-	-	\$890,243

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

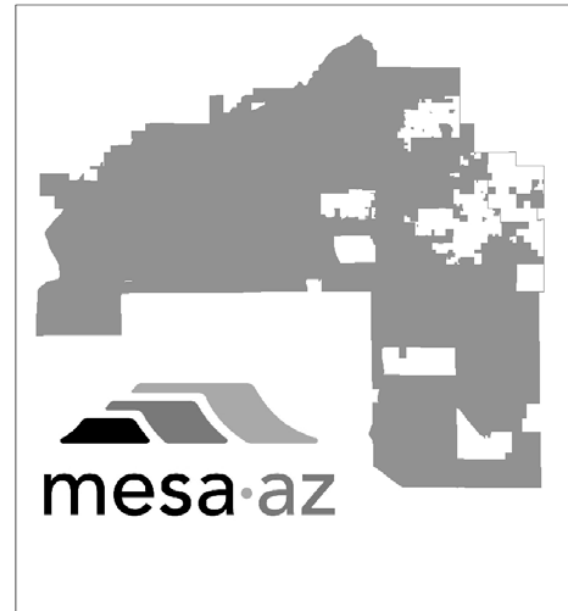
Streets

Project Number and Name

C06074 - Street Construction, Intersection Improvements, and Streetlights

Project Description

Provide funding for the City's participation in the cost share of widening of streets and the installation of new street lights that are built in conjunction with development projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	\$232,318	\$3,543,748	\$3,776,066
Total	\$232,318	\$3,543,748	\$3,776,066

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,447,500	\$1,472,976	\$499,241	-	-	-	\$3,419,717
Direct Expenses	\$15,000	\$15,264	\$5,173	-	-	-	\$35,437
CIP Administration	\$37,500	\$38,160	\$12,934	-	-	-	\$88,594
Total	\$1,500,000	\$1,526,400	\$517,348	-	-	-	\$3,543,748

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

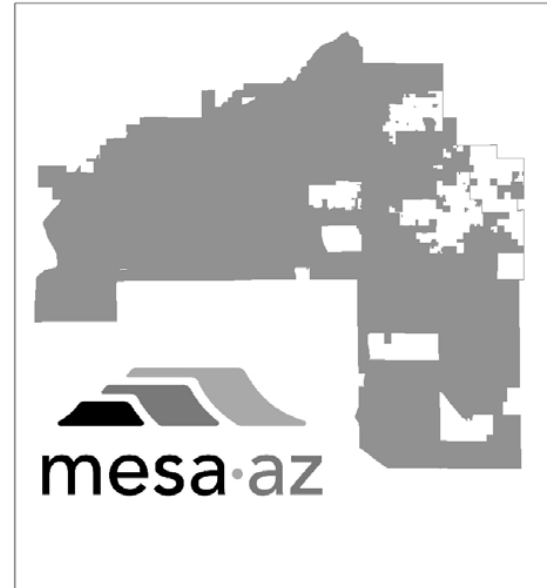
Streets

Project Number and Name

CN0003 - Street Improvements-Cityshare

Project Description

Provide funding for the City's participation in the cost share of widening of streets and the installation of new street lights that are built in conjunction with development projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$4,000,000	\$4,000,000
Total	-	\$4,000,000	\$4,000,000

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,000,000	\$1,000,000	\$1,000,001	\$999,999	-	-	\$4,000,000
Total	\$1,000,000	\$1,000,000	\$1,000,001	\$999,999	-	-	\$4,000,000

**Transportation Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

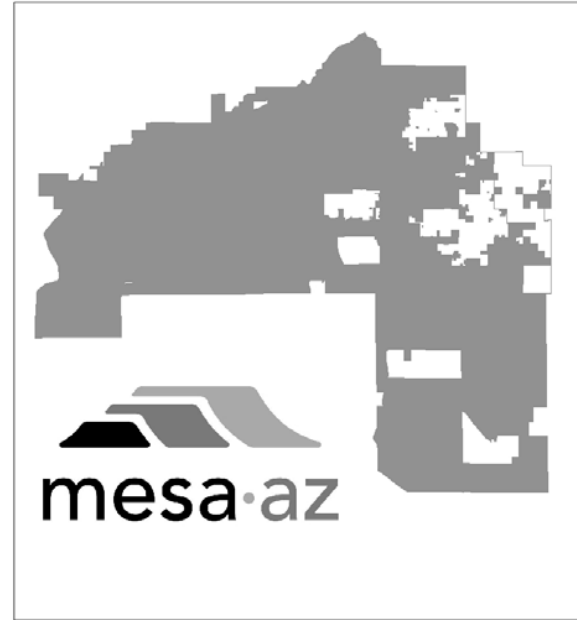
Streets

Project Number and Name

CP0342 - Streets - Economic Development

Project Description

Street improvements associated with significant economic development projects.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$7,861,062	\$7,861,062
Wastewater Bond Construction	-	\$1,175,697	\$1,175,697
Water Bond Construction	-	\$2,157,912	\$2,157,912
Total	-	\$11,194,670	\$11,194,670

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$3,948,114	\$3,968,032	\$2,997,212	-	-	-	\$10,913,359
Direct Expenses	\$33,334	\$33,921	\$34,491	-	-	-	\$101,745
CIP Administration	\$58,830	\$59,865	\$60,871	-	-	-	\$179,567
Total	\$4,040,278	\$4,061,819	\$3,092,574	-	-	-	\$11,194,670

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

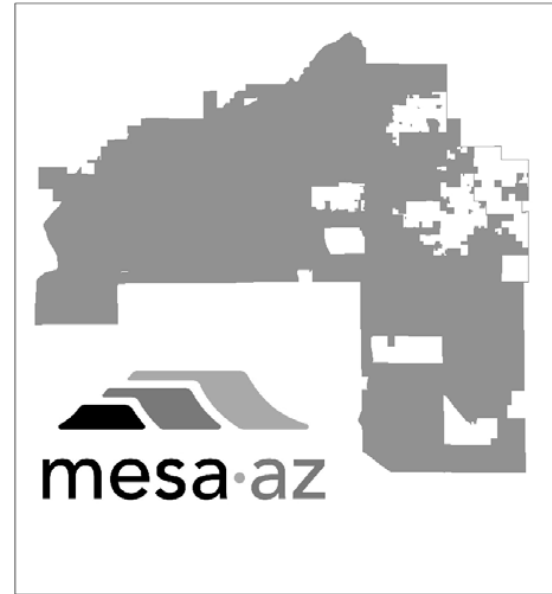
Streets

Project Number and Name

C01365 - Traffic Signals - New and Upgrades

Project Description

Install new or upgraded traffic signals. Due to increasing traffic conditions at many City street intersections, Transportation's traffic signal group reviews and prioritizes the installation of new traffic signals. Transportation generally installs 5 to 6 new or upgraded traffic signals per year.



Project Expenditures by Fund

City Wide

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	\$112,546	\$112,546
Total	-	\$112,546	\$112,546

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Highway User Revenue Fund	-	\$135,039	\$135,039
Local Streets Sales Tax	\$1,056,376	\$4,727,115	\$5,783,490
Total	\$1,056,376	\$4,862,154	\$5,918,529

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$35,463	\$40,704	\$41,388	\$42,178	\$42,946	-	\$202,679
Construction	\$1,035,909	\$880,313	\$811,600	\$842,152	\$857,480	-	\$4,427,454
Installation	-	-	-	-	-	-	-
CIP Administration	\$8,013	\$23,025	\$21,325	\$22,108	\$22,510	-	\$96,981
Total	\$1,079,385	\$944,042	\$874,313	\$906,438	\$922,936	-	\$4,727,114

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

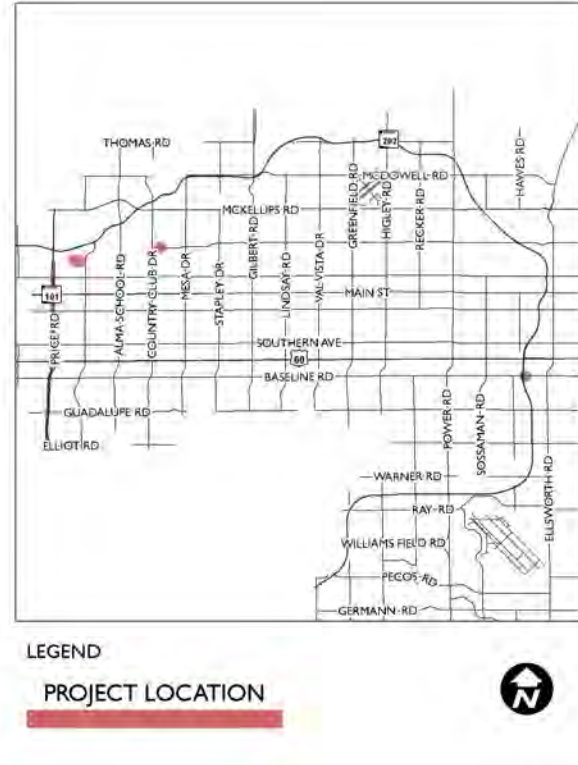
Streets

Project Number and Name

CP0312 - Traffic Signals - New & Upgrades

Project Description

Installation of new traffic signals, or upgrade existing ones. The signals are expected to improve safety, lessen traffic delays, and reduce driver confusion when making turns at the intersection. Improvements to existing can be the installation of flashing yellow lights, pedestrian countdowns, etc.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Local Streets Sales Tax	\$111,591	\$250,424	\$362,015
Total	\$111,591	\$250,424	\$362,015

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$90,000	-	-	-	-	-	\$90,000
Construction	\$144,671	-	-	-	-	-	\$144,671
CIP Administration	\$15,753	-	-	-	-	-	\$15,753
Total	\$250,424	-	-	-	-	-	\$250,424

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

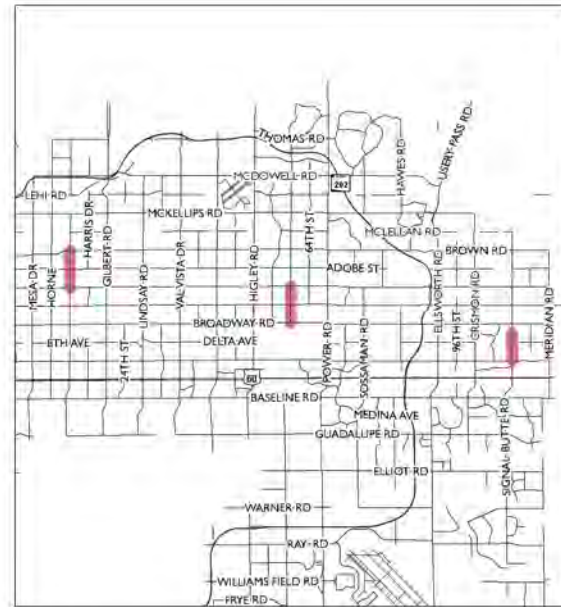
Streets

Project Number and Name

C10560 - Transportation Arterial Overlay: Stapley; 8th Street to University

Project Description

Replace existing asbestos cement waterline from University to 8th Street that has reached the end of its useful life. Activities are part of a larger Transportation project to repave the road. The Energy Department is also replacing their existing natural gas lines in a joint trench with the waterline.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	-	-
Water Bond Construction	\$86,044	\$455,714	\$541,758
Total	\$86,044	\$455,714	\$541,758

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	-	-	-	-	\$441,378	-	\$441,378
Direct Expenses	-	-	-	-	\$3,221	-	\$3,221
CIP Administration	-	-	-	-	\$11,116	-	\$11,116
Total	-	-	-	-	\$455,714	-	\$455,714

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0184 - UPRR Crossing Improvements, Dobson and Alma School

Project Description

Construct improvements to the Union Pacific Railroad crossings at Dobson and Alma School Roads. There will be improvements to both the railroad segments and surrounding median and sidewalks.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$187,923	\$181,523	\$369,446
Grants - Gen. Gov.	\$10,259	\$115,444	\$125,703
Local Streets Sales Tax	\$4,148	\$4,040	\$8,188
Total	\$202,330	\$301,007	\$503,337

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Land Acquisition	\$20,000	-	-	-	-	-	\$20,000
Construction	\$270,829	-	-	-	-	-	\$270,829
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$10,178	-	-	-	-	-	\$10,178
Total	\$301,007	-	-	-	-	-	\$301,007

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

C10164 - University & Ellsworth Intersection Improvements

Project Description

This intersection improvement street project will provide dual left turn lanes, three through lanes in each direction, and right turn lanes as warranted.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$9,852,391	\$9,852,391
Water Bond Construction	-	\$1,407,864	\$1,407,864
Total	-	\$11,260,255	\$11,260,255

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$978,660	-	\$978,660
Construction	-	-	-	-	-	\$9,939,000	\$9,939,000
Direct Expenses	-	-	-	-	\$859	\$33,005	\$33,863
CIP Administration	-	-	-	-	\$27,614	\$281,118	\$308,732
Total	-	-	-	-	\$1,007,133	\$10,253,122	\$11,260,255

Transportation Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Streets

Project Number and Name

CP0105 - Val Vista Drive: Baseline Road to North of Southern Avenue

Project Description

With the growth throughout north Mesa Val Vista Drive will need to be improved to accommodate the traffic without significant delay. Major intersections need dual left turn lanes for adequate capacity and improved safety.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	-	\$13,921,964	\$13,921,964
Total	-	\$13,921,964	\$13,921,964

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$1,017,283	-	\$1,017,283
Land Acquisition	-	-	-	-	\$1,049,200	\$2,185,950	\$3,235,150
Construction	-	-	-	-	-	\$9,230,319	\$9,230,319
Direct Expenses	-	-	-	-	\$2,147	\$25,372	\$27,519
CIP Administration	-	-	-	-	\$51,716	\$359,977	\$411,693
Total	-	-	-	-	\$2,120,346	\$11,801,618	\$13,921,964

Transportation Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Streets

Project Number and Name

CP0062 - Val Vista Drive: Southern Avenue to University Drive

Project Description

Val Vista Drive, between Southern Avenue and University Drive has been experiencing greater traffic volumes. This project has been identified as a Regional Transportation Plan project to mitigate traffic delay and congestion and enhance safety. This project will construct dual left turn lanes to accomodate additional traffic capacity and improve traffic safety at the intersections.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$357,043	\$357,043
Streets Bond Construction	-	\$13,939,378	\$13,939,378
Water Bond Construction	-	\$2,041,482	\$2,041,482
Total	-	\$16,337,902	\$16,337,902

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$176,540	\$898,447	\$1,074,987
Land Acquisition	-	-	-	-	-	\$2,976,951	\$2,976,951
Construction	-	-	-	-	-	\$11,721,780	\$11,721,780
Direct Expenses	-	-	-	-	-	\$35,001	\$35,001
CIP Administration	-	-	-	-	\$4,414	\$524,770	\$529,184
Total	-	-	-	-	\$180,954	\$16,156,948	\$16,337,902



City of Mesa

Five-Year Capital
Improvement Program
FY 2015 - 2019

TRANSPORTATION PROJECTS

LEGEND

- Project Locations
- District 1
- District 2
- District 3
- District 4
- District 5
- District 6

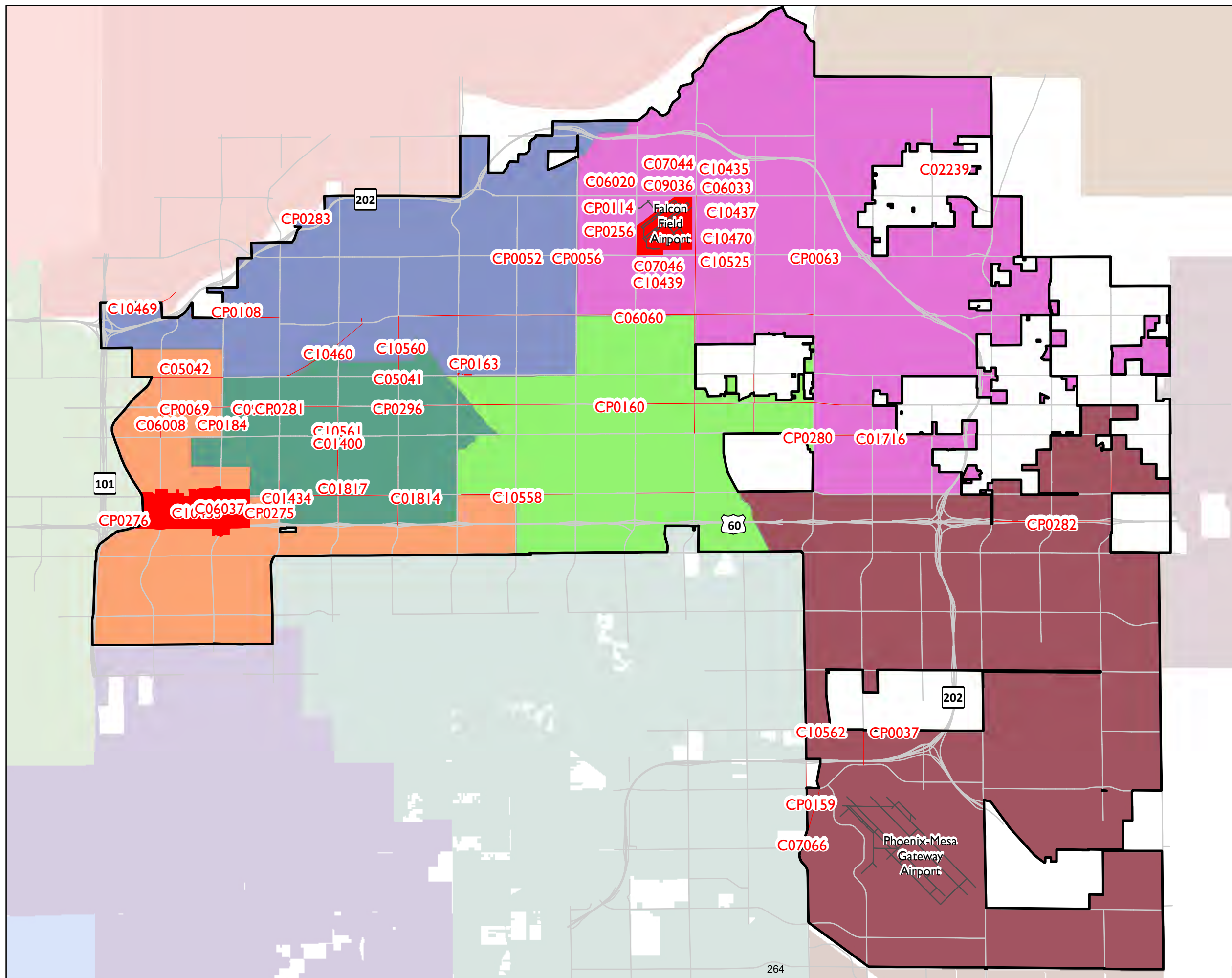
Citywide, External or Location TBD Projects

C06074	C09027	C10416
C10417	C10418	C10432
C10452	CP0109	CP0110
CP0113	CP0116	CP0117
CP0158	CP0185	CP0272
CP0278	CP0279	CP0292
CP0294	CP0304	CP0257
CP0258		



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utilities



Five Year Capital Improvement Program

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Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

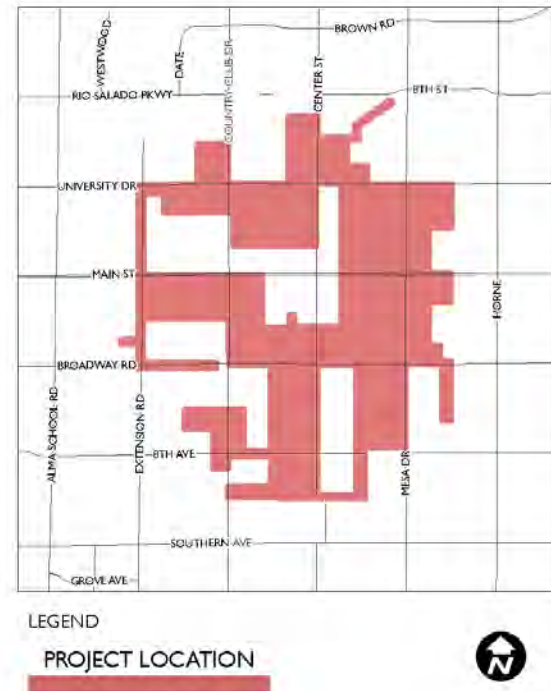
Electric

Project Number and Name

C09019 - Electric Distribution - Overhead

Project Description

The primary focus of the overhead distribution project is the 4kV to 12kV conversion. The scope of the project includes replacement of electrical overhead conductors, transformers, distribution poles and devices to increase reliability and reduce operating costs. These system enhancements will provide for future electrical loads and reduce operations and maintenance costs. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$1,967,052	\$7,731,985	\$9,699,038
Total	\$1,967,052	\$7,731,985	\$9,699,038

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,962,966	\$862,916	\$727,645	\$754,310	\$781,868	\$2,083,868	\$7,173,572
Direct Expenses	\$519	\$754	\$617	\$640	\$664	\$1,963	\$5,157
CIP Administration	\$206,225	\$103,585	\$87,346	\$90,545	\$16,564	\$48,991	\$553,256
Total	\$2,169,710	\$967,254	\$815,607	\$845,495	\$799,096	\$2,134,822	\$7,731,985

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Electric

Project Number and Name

C09020 - Electric Distribution - Underground

Project Description

Provide various system improvements to include underground conductor installation, cable replacement, vault lid replacement and replacement of miscellaneous devices. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$154,233	\$15,892,449	\$16,046,682
Total	\$154,233	\$15,892,449	\$16,046,682

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,307,680	\$2,067,436	\$2,347,247	\$2,243,738	\$2,454,793	\$4,181,463	\$14,602,357
Direct Expenses	\$825	\$1,173	\$1,189	\$1,233	\$1,278	\$2,313	\$8,011
CIP Administration	\$155,219	\$248,569	\$281,453	\$269,593	\$61,404	\$265,843	\$1,282,082
Total	\$1,463,724	\$2,317,178	\$2,629,889	\$2,514,564	\$2,517,475	\$4,449,619	\$15,892,449

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Electric

Project Number and Name

CP0329 - Electric Distribution Underground

Project Description

Provide various system improvements to include primary and secondary undergrounding, underground conductor/conduit installation, cable replacement, pad mount transformer replacement, vault lid replacement and the replacement of miscellaneous devices.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$191,300	\$209,070	\$400,370
Total	\$191,300	\$209,070	\$400,370

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$202,000	-	-	-	-	-	\$202,000
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$7,070	-	-	-	-	-	\$7,070
Total	\$209,070	-	-	-	-	-	\$209,070

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

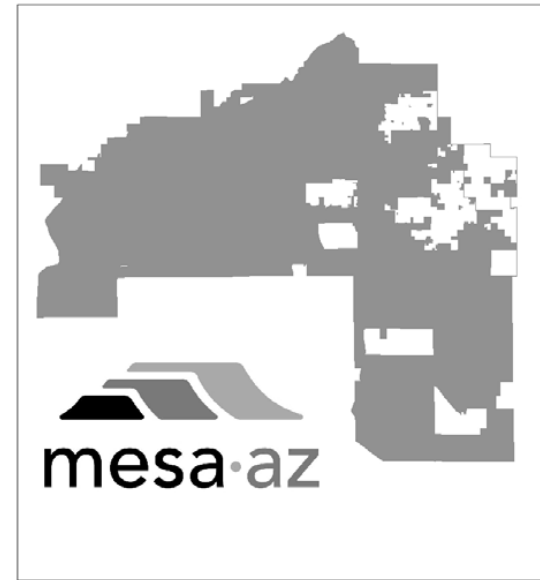
Electric

Project Number and Name

CP0082 - Electric Generation

Project Description

Identify power supply resources, including solar power, that can be owned in whole or in part by the City of Mesa. Alternatives are being explored to improve the reliability and/or efficiency of the electric utility service.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	-	\$1,864,017	\$1,864,017
Total	-	\$1,864,017	\$1,864,017

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	\$265,222	\$274,289	\$284,336	\$294,693	\$621,866	\$1,740,406
Direct Expenses	-	\$276	\$286	\$295	\$294	\$622	\$1,773
CIP Administration	-	\$31,840	\$32,928	\$34,134	\$7,375	\$15,561	\$121,838
Total	-	\$297,338	\$307,502	\$318,765	\$302,362	\$638,050	\$1,864,017

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

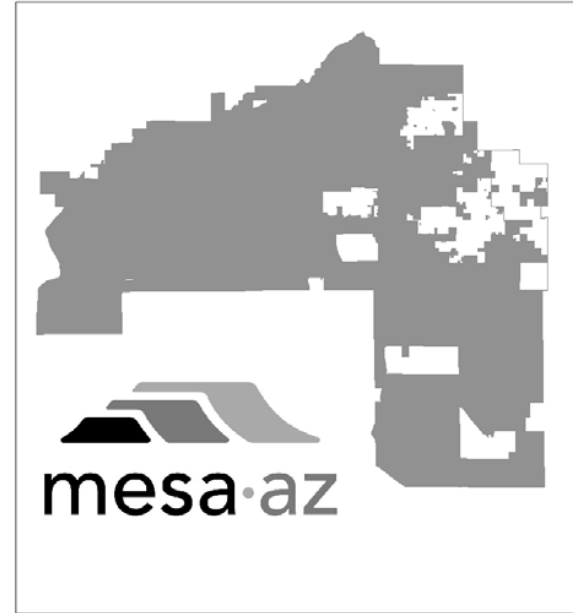
Electric

Project Number and Name

CP0080 - Electric Master Plan

Project Description

Perform an assessment on the condition of the underground conduit system. Maintaining a master plan is important to meet the short- and long-range planning needs of the utility.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$5,290	\$598,955	\$604,245
Total	\$5,290	\$598,955	\$604,245

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$204,640	\$106,089	\$109,716	\$113,734	-	-	\$534,179
Direct Expenses	\$204	\$213	\$110	\$114	-	-	\$640
CIP Administration	\$24,565	\$12,747	\$13,171	\$13,653	-	-	\$64,136
Total	\$229,409	\$119,049	\$122,996	\$127,501	-	-	\$598,955

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

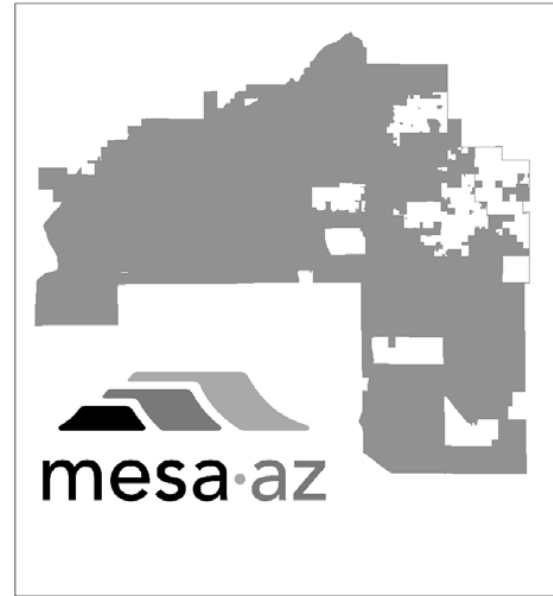
Electric

Project Number and Name

C09024 - Electric Metering

Project Description

Replace electric service meters based on 20-year lifecycle criteria. In addition, replace meters based on known issues, such as potential coils that improperly register energy consumption. This strategy is a component of the Electric Master Plan. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$175,302	-	\$175,302
Utility Replacement Extension and Renewal	-	\$4,096,007	\$4,096,007
Total	\$175,302	\$4,096,007	\$4,271,309

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$355,961	\$369,050	\$381,696	\$404,242	\$450,406	\$1,889,531	\$3,850,886
Direct Expenses	\$368	\$382	\$395	\$409	\$424	\$1,723	\$3,701
CIP Administration	\$44,219	\$45,845	\$47,416	\$50,215	\$10,619	\$43,105	\$241,419
Total	\$400,548	\$415,276	\$429,507	\$454,867	\$461,449	\$1,934,358	\$4,096,007

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Electric

Project Number and Name

C09023 - Electric New Services

Project Description

Install new electrical service wires for new customers and provide for system expansion. It will also replace existing electrical service wires to increase reliability. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$302,700	-	\$302,700
Electric Bond Construction	\$727,836	\$12,176,822	\$12,904,658
Total	\$1,030,536	\$12,176,822	\$13,207,358

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,000,000	\$1,017,600	\$1,034,696	\$2,108,916	\$1,073,650	\$4,503,384	\$10,738,246
Direct Expenses	\$26,010	\$26,468	\$26,912	\$27,426	\$26,852	\$112,630	\$246,298
CIP Administration	\$123,121	\$125,288	\$127,393	\$129,826	\$132,189	\$554,461	\$1,192,278
Total	\$1,149,131	\$1,169,356	\$1,189,001	\$2,266,168	\$1,232,691	\$5,170,475	\$12,176,822

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Electric

Project Number and Name

CP0313 - Electric New Services

Project Description

Install new electrical service wires for new customers and provide for system expansion. It will also replace existing electrical service wires to increase reliability and improve service.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$306,722	\$438,774	\$745,496
Total	\$306,722	\$438,774	\$745,496

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$3,037	-	-	-	-	-	\$3,037
Construction	\$402,562	-	-	-	-	-	\$402,562
CIP Administration	\$33,175	-	-	-	-	-	\$33,175
Total	\$438,774	-	-	-	-	-	\$438,774

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

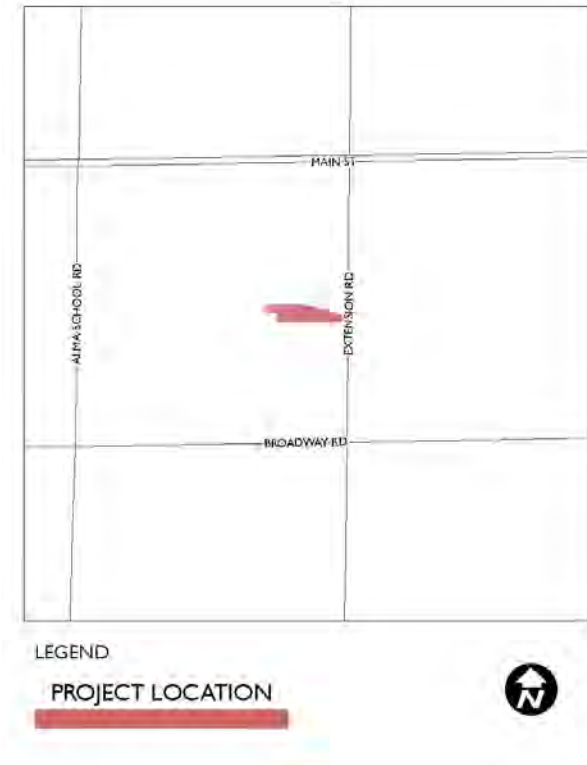
Electric

Project Number and Name

C09022 - Electric Substation Improvements

Project Description

Construct improvements at electric substations to ensure long-term system reliability. These improvements will meet safety standards and improve security at the facilities.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$2,901,078	\$2,900,131	\$5,801,208
Total	\$2,901,078	\$2,900,131	\$5,801,208

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$109,716	-	-	-	\$109,716
Construction	\$430,220	\$909,711	-	\$1,137,343	-	-	\$2,477,274
Direct Expenses	\$430	\$910	\$110	\$1,138	-	-	\$2,587
CIP Administration	\$51,645	\$109,206	\$13,171	\$136,532	-	-	\$310,554
Total	\$482,295	\$1,019,827	\$122,996	\$1,275,013	-	-	\$2,900,131

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Electric

Project Number and Name

C09021 - Electric Transmission

Project Description

Rebuild the 69kV transmission system. This rebuild will encompass installing new conductors and poles throughout the system over a three-year period. This project will also install fiber optics that will allow for monitoring, control and site security for substation locations. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$16,822	\$757,901	\$774,723
Total	\$16,822	\$757,901	\$774,723

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$102,320	-	-	-	-	-	\$102,320
Construction	-	\$263,900	\$310,409	-	-	-	\$574,309
Direct Expenses	\$102	-	-	-	-	-	\$102
CIP Administration	\$12,283	\$31,661	\$37,226	-	-	-	\$81,170
Total	\$114,705	\$295,561	\$347,635	-	-	-	\$757,901

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

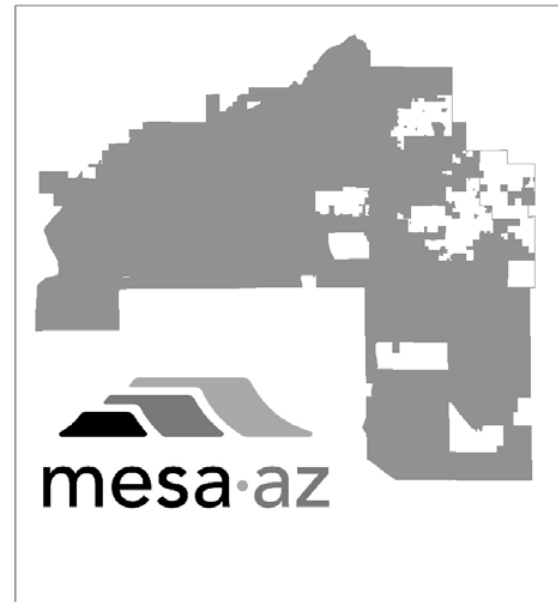
Electric

Project Number and Name

CP0437 - Pocket Parks 4kV Electric Substation Conversions

Project Description

Conversion of de-energized 4kV electric substations into community pocket parks.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	\$100,000	\$100,000
Total	-	\$100,000	\$100,000

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$100,000	-	-	-	-	-	\$100,000
Total	\$100,000	-	-	-	-	-	\$100,000

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

C10385 - Waterline Replacement: 8th Street - Alma School to Country Club

Project Description

This project includes both a gas and water component. Replacing the main will ensure operational integrity of the utility systems.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$66,520	\$66,520
Water Bond Construction	-	\$932,355	\$932,355
Total	-	\$998,875	\$998,875

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$88,766	-	\$5,894	-	\$94,660
Construction	-	-	\$791,304	-	\$58,939	-	\$850,244
Direct Expenses	-	-	\$7,913	-	\$64	-	\$7,978
CIP Administration	-	-	\$44,372	-	\$1,622	-	\$45,994
Total	-	-	\$932,355	-	\$66,520	-	\$998,875

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

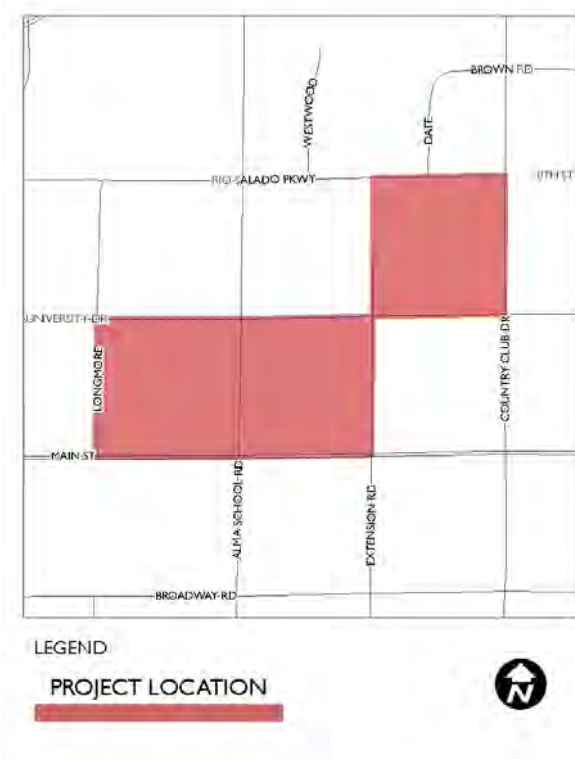
Gas

Project Number and Name

C10380 - Waterline Replacement Quarter Section 13C, 21A and 20D

Project Description

This project includes both a gas and water component. The gas portion of this project is a lifecycle replacement of aging main and service lines in plat quarter section 21A, 13C, and 20D.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$1,571,108	\$1,571,108
Water Bond Construction	-	\$3,592,515	\$3,592,515
Total	-	\$5,163,624	\$5,163,624

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$336,696	-	-	-	-	\$134,575	\$471,271
Construction	-	\$3,054,306	-	-	-	\$1,396,682	\$4,450,988
Direct Expenses	-	\$30,543	-	-	-	\$1,532	\$32,075
CIP Administration	\$16,824	\$154,146	-	-	-	\$38,320	\$209,290
Total	\$353,520	\$3,238,995	-	-	-	\$1,571,108	\$5,163,624

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

C10381 - Waterline Replacement QS20A & QS20B

Project Description

This project includes both a gas and water component. The gas portion of this project is a lifecycle replacement of aging main and service lines in plat quarter section 20B.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,757,477	\$2,757,477
Total	-	\$2,757,477	\$2,757,477

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$258,435	-	-	-	-	-	\$258,435
Construction	-	\$2,344,368	-	-	-	-	\$2,344,368
Direct Expenses	-	\$23,443	-	-	-	-	\$23,443
CIP Administration	\$12,914	\$118,316	-	-	-	-	\$131,230
Total	\$271,349	\$2,486,128	-	-	-	-	\$2,757,477

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

C10382 - Waterline Replacement Quarter Section 21D, Clark, and Pepper

Project Description

This project includes both a gas and water component. The gas portion of this project is a lifecycle replacement of aging main and service lines in plat quarter section 21D. The boundaries for plat quarter section 21D are Main Street to Broadway/Country C



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,770,990	\$1,770,990
Total	-	\$1,770,990	\$1,770,990

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$165,980	-	-	-	-	-	\$165,980
Construction	-	\$1,505,670	-	-	-	-	\$1,505,670
Direct Expenses	-	\$15,056	-	-	-	-	\$15,056
CIP Administration	\$8,294	\$75,989	-	-	-	-	\$84,283
Total	\$174,274	\$1,596,716	-	-	-	-	\$1,770,990

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

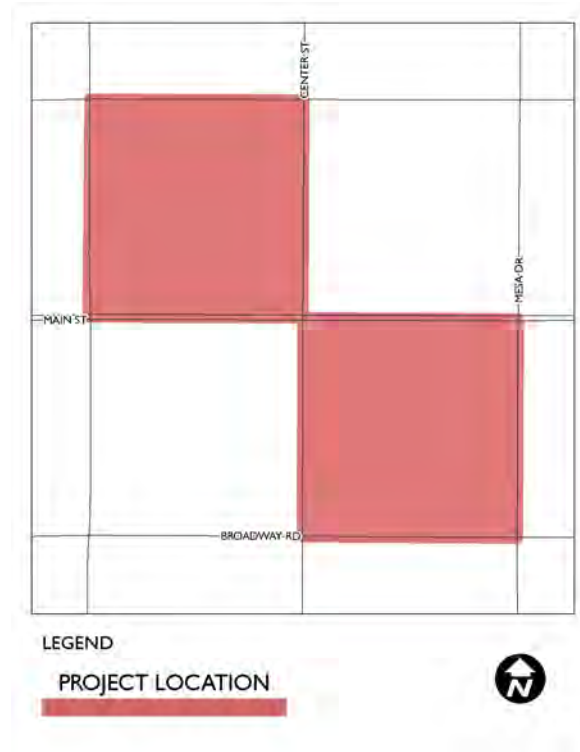
Gas

Project Number and Name

C10384 - Waterline Replacement Quarter Sections 29A, 29B, 29D

Project Description

This project includes both a gas and water component. The gas portion of this project is a lifecycle replacement of aging main and service lines in plat quarter sections 29A, 29B, 29D.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,186,005	\$2,186,005
Total	-	\$2,186,005	\$2,186,005

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$205,021	-	-	-	-	\$205,021
Construction	-	-	\$1,858,367	-	-	-	\$1,858,367
Direct Expenses	-	-	\$18,584	-	-	-	\$18,584
CIP Administration	-	\$10,244	\$93,789	-	-	-	\$104,033
Total	-	\$215,265	\$1,970,740	-	-	-	\$2,186,005

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

C10386 - Waterline Replacement Quarter Section 36B

Project Description

This project includes both a gas and water component. The gas portion of this project is a lifecycle replacement of aging main and service lines in plat quarter section 36B. The boundaries for plat quarter sections 36B are 8th Street to University/Horne.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,296,364	\$2,296,364
Total	-	\$2,296,364	\$2,296,364

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$195,762	-	-	-	-	\$195,762
Construction	-	-	\$1,971,600	-	-	-	\$1,971,600
Direct Expenses	-	-	\$19,716	-	-	-	\$19,716
CIP Administration	-	\$9,782	\$99,504	-	-	-	\$109,286
Total	-	\$205,544	\$2,090,820	-	-	-	\$2,296,364

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

C04037 - Attaway and Judd Road High Pressure Gas Main

Project Description

The current 5-inch steel pipe gas line location and depth in the Magma system is experiencing operational problems and is in need of replacement. Replacing the current 5-inch steel pipe with an 8-inch steel pipe will minimize operational failures.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$491,468	\$1,925,000	\$2,416,468
Total	\$491,468	\$1,925,000	\$2,416,468

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,842,100	-	-	-	-	-	\$1,842,100
CIP Administration	\$82,900	-	-	-	-	-	\$82,900
Total	\$1,925,000	-	-	-	-	-	\$1,925,000

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

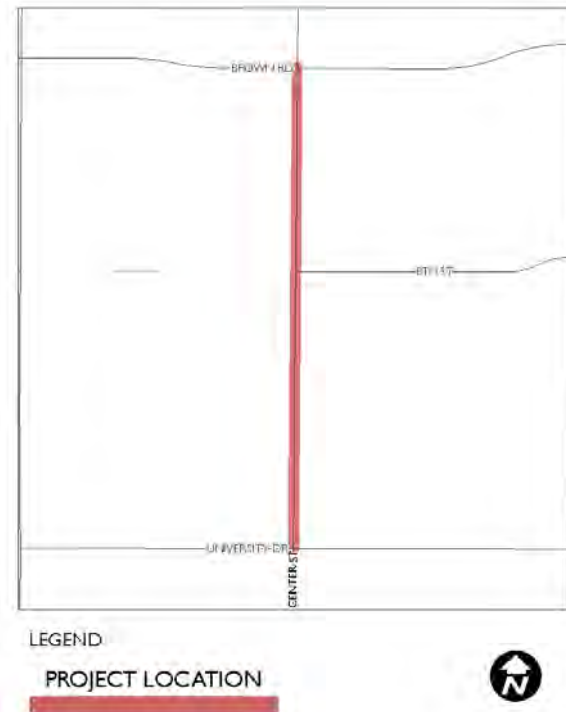
Gas

Project Number and Name

C10387 - Center Street Gas Line Replacement from University to Brown

Project Description

Intermediate pressure gas main replacement to ensure operational integrity of the natural gas system in Mesa. This replacement has been coordinated with Water and Street Programs.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$478,184	\$478,184
Total	-	\$478,184	\$478,184

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$41,677	-	-	\$41,677
Construction	-	-	-	-	\$424,358	-	\$424,358
Direct Expenses	-	-	-	-	\$467	-	\$467
CIP Administration	-	-	-	-	\$11,681	-	\$11,681
Total	-	-	-	\$41,677	\$436,506	-	\$478,184

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

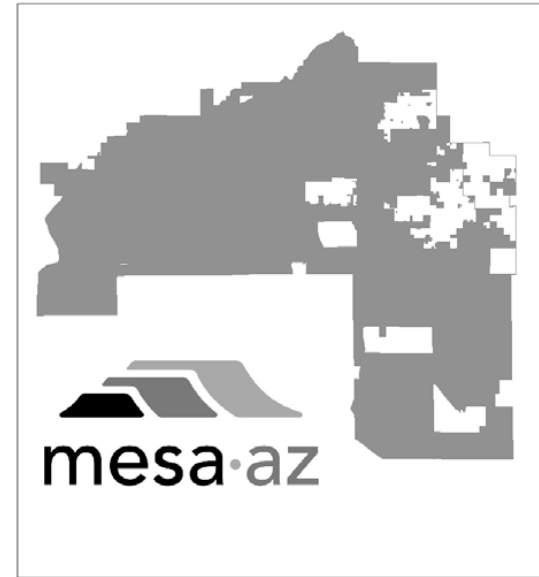
Gas

Project Number and Name

CP0297 - Compressed Natural Gas Fueling Station

Project Description

Construct a Compressed Natural Gas (CNG) fueling facility.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$2,070,500	\$2,070,500
Local Streets Sales Tax	\$341	-	\$341
Total	\$341	\$2,070,500	\$2,070,841

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$200,000	-	-	-	-	-	\$200,000
Construction	\$1,800,000	-	-	-	-	-	\$1,800,000
Direct Expenses	\$20,000	-	-	-	-	-	\$20,000
CIP Administration	\$50,500	-	-	-	-	-	\$50,500
Total	\$2,070,500	-	-	-	-	-	\$2,070,500

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

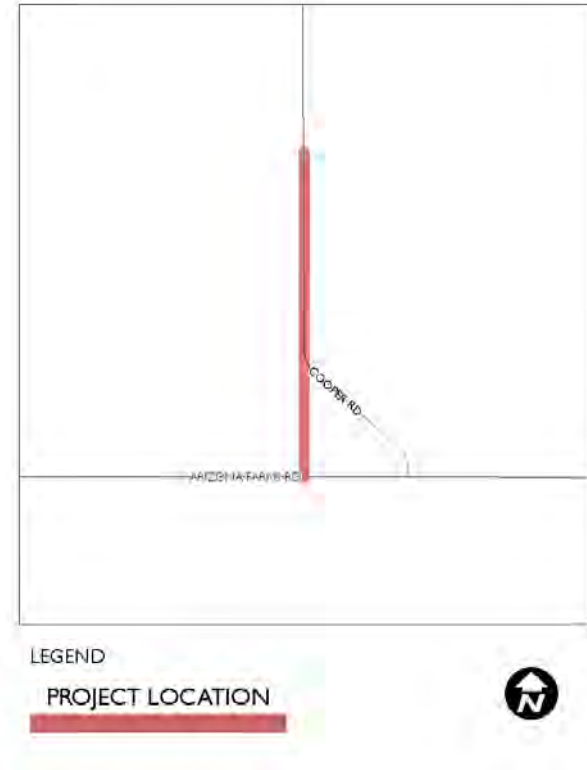
Gas

Project Number and Name

CP0224 - Cooper Rd. Gas Main Replacement

Project Description

Replace the high pressure gain main to ensure operational reliability and expansion of the natural gas pipeline to customers.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$364,329	\$364,329
Total	-	\$364,329	\$364,329

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$30,969	-	-	-	-	-	\$30,969
Construction	-	\$312,363	-	-	-	-	\$312,363
Direct Expenses	-	\$344	-	-	-	-	\$344
CIP Administration	\$1,857	\$18,796	-	-	-	-	\$20,653
Total	\$32,826	\$331,503	-	-	-	-	\$364,329

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

C10376 - District Regulator Station, Skyline and Circle Cross Ranch

Project Description

Install a high pressure gas main and district regulator to meet anticipated growth needs of the natural gas system in the Magma service area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$565,702	\$3,048,164	\$3,613,865
Total	\$565,702	\$3,048,164	\$3,613,865

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$213,864	-	-	-	-	-	\$213,864
Land Acquisition	-	-	-	-	-	-	-
Construction	-	\$2,660,355	-	-	-	-	\$2,660,355
Direct Expenses	-	\$2,660	-	-	-	-	\$2,660
CIP Administration	\$12,511	\$158,773	-	-	-	-	\$171,284
Total	\$226,375	\$2,821,789	-	-	-	-	\$3,048,164

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

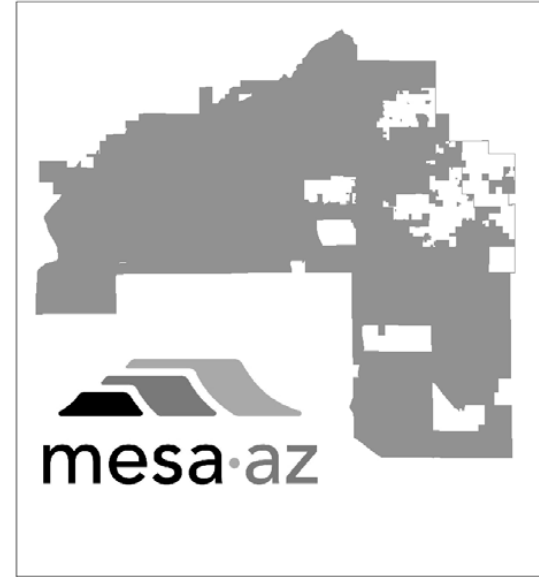
Gas

Project Number and Name

C01454 - Gas Line Retirements

Project Description

Replace lines that have reached the end of their useful life to ensure system reliability.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$61,404	\$442,074	\$503,478
Total	\$61,404	\$442,074	\$503,478

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$67,643	\$69,839	\$72,100	\$74,747	\$77,524	\$80,221	\$442,074
CIP Administration	-	-	-	-	-	-	-
Total	\$67,643	\$69,839	\$72,100	\$74,747	\$77,524	\$80,221	\$442,074

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

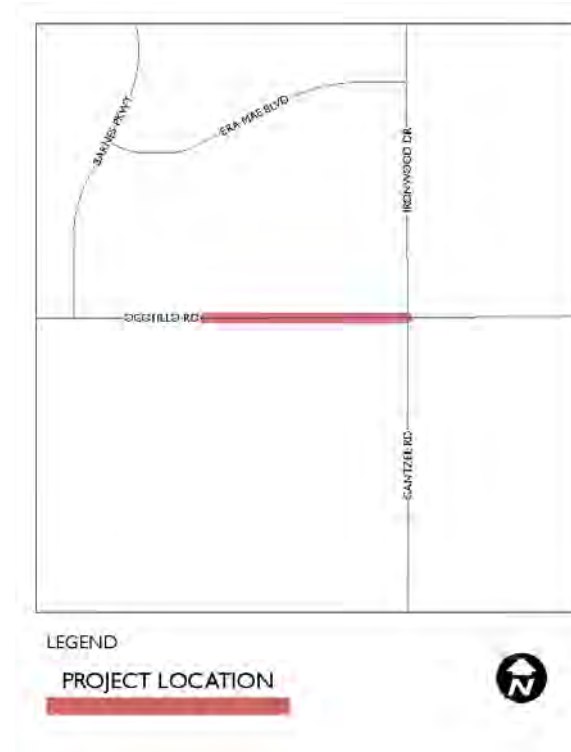
Gas

Project Number and Name

CP0222 - Gas Main Replacement- Ocotillo Rd - Taylor St to Gantzel Rd

Project Description

Replace the high pressure gas main along Ocotillo Road to ensure operational reliability and expansion of the natural gas pipeline to customers in the Magma service area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$223,260	\$223,260
Total	-	\$223,260	\$223,260

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$215,492	-	-	-	-	-	\$215,492
Direct Expenses	\$218	-	-	-	-	-	\$218
CIP Administration	\$7,550	-	-	-	-	-	\$7,550
Total	\$223,260	-	-	-	-	-	\$223,260

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0153 - Gas Main Replacements - Magma Service Area

Project Description

Upgrade the existing Magma system to reduce maintenance problems and ensure operational integrity of the natural gas pipeline system. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$274,242	\$4,771,639	\$5,045,881
Total	\$274,242	\$4,771,639	\$5,045,881

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$379,460	\$413,108	\$448,593	\$488,275	\$529,846	\$2,332,336	\$4,591,619
Direct Expenses	\$380	\$413	\$449	\$488	\$529	\$2,332	\$4,592
CIP Administration	\$22,776	\$24,796	\$26,926	\$29,308	\$13,259	\$58,365	\$175,428
Total	\$402,616	\$438,317	\$475,968	\$518,071	\$543,634	\$2,393,033	\$4,771,639

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

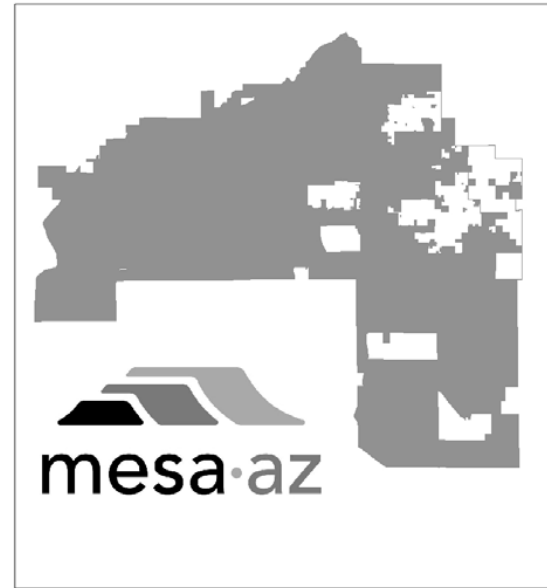
Gas

Project Number and Name

CP0156 - Gas Meters: New and Replacement

Project Description

Purchase and install residential and commercial/industrial size gas meters to ensure accurate measurement of gas sold. The City of Mesa gas system currently adds between 2,500 to 3,500 new gas customers per year.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$47,829	-	\$47,829
Total	\$47,829	-	\$47,829

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$1,141,032	-	\$1,141,032
Utility Replacement Extension and Renewal	-	\$7,520,116	\$7,520,116
Total	\$1,141,032	\$7,520,116	\$8,661,149

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$713,695	\$699,644	\$728,844	\$737,049	\$804,023	\$3,433,571	\$7,116,826
Purchases	-	-	-	-	-	-	-
Direct Expenses	\$962	\$1,028	\$1,097	\$1,175	\$1,256	\$5,743	\$11,260
CIP Administration	\$24,082	\$61,716	\$65,890	\$70,506	\$31,428	\$138,407	\$392,030
Total	\$738,739	\$762,388	\$795,831	\$808,730	\$836,707	\$3,577,721	\$7,520,116

City Wide

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0447 - Gas Regulator Station 56 Relocation

Project Description

Relocate existing above ground gas regulator station (GRS56) below ground. The relocation will increase the capacity to serve new customers in the Riverview area, be located in a safer location away from vehicle traffic as well as facilitate a gas usage pilot program needed by the Energy Resources Department.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$633	\$262,845	\$263,478
Total	\$633	\$262,845	\$263,478

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$15,721	-	-	-	-	-	\$15,721
Construction	\$238,236	-	-	-	-	-	\$238,236
CIP Administration	\$8,888	-	-	-	-	-	\$8,888
Total	\$262,845	-	-	-	-	-	\$262,845

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

CP0152 - Gas System: New Mains

Project Description

Extend mains and services to new subdivisions. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$963,725	\$34,452,911	\$35,416,636
Total	\$963,725	\$34,452,911	\$35,416,636

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$2,760	-	-	-	-	-	\$2,760
Construction	\$3,189,200	\$2,991,744	\$3,194,107	\$3,417,867	\$3,654,079	\$16,702,603	\$33,149,600
Direct Expenses	\$2,800	\$2,992	\$3,194	\$3,419	\$3,655	\$16,702	\$32,761
CIP Administration	\$181,913	\$179,572	\$191,718	\$205,149	\$91,445	\$417,993	\$1,267,790
Total	\$3,376,673	\$3,174,308	\$3,389,018	\$3,626,435	\$3,749,178	\$17,137,299	\$34,452,911

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

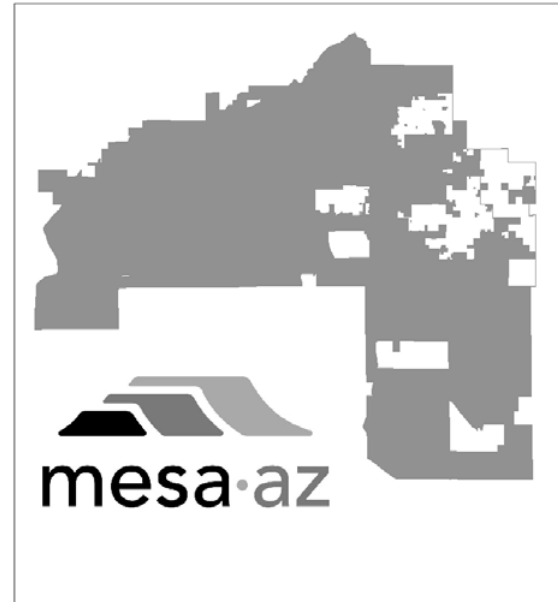
Gas

Project Number and Name

CP0151 - Gas System: New Services

Project Description

Install gas lines in new subdivision developments throughout the City and Magma area. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	-	-
Gas Bond Construction	\$484,965	\$23,120,830	\$23,605,795
Total	\$484,965	\$23,120,830	\$23,605,795

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,916,464	\$2,030,112	\$2,167,429	\$2,319,267	\$2,479,553	\$11,333,907	\$22,246,732
Direct Expenses	\$1,900	\$2,030	\$2,168	\$2,320	\$2,480	\$11,337	\$22,235
CIP Administration	\$115,001	\$121,853	\$130,094	\$139,208	\$62,055	\$283,652	\$851,863
Total	\$2,033,365	\$2,153,995	\$2,299,692	\$2,460,795	\$2,544,088	\$11,628,896	\$23,120,830

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

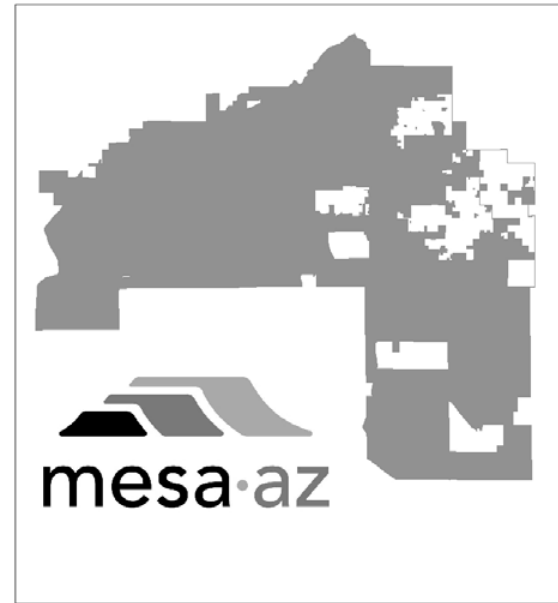
Gas

Project Number and Name

CP0155 - Gas System: Aging Infrastructure Replacement

Project Description

Replace necessary gas system infrastructure identified during the annual leak survey and corrosion control program to ensure operational integrity of the natural gas pipeline system. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$187,728	\$25,437,988	\$25,625,716
Total	\$187,728	\$25,437,988	\$25,625,716

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$153,319	\$166,915	\$181,253	\$197,286	\$214,083	\$910,101	\$1,822,956
Construction	\$1,916,501	\$2,086,445	\$2,265,665	\$2,466,083	\$2,677,603	\$11,379,753	\$22,792,049
Direct Expenses	\$2,070	\$2,253	\$2,447	\$2,664	\$2,891	\$12,190	\$24,515
CIP Administration	\$124,236	\$135,252	\$146,870	\$159,862	\$72,365	\$159,882	\$798,467
Total	\$2,196,126	\$2,390,865	\$2,596,234	\$2,825,895	\$2,966,942	\$12,461,926	\$25,437,988

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0311 - Gas System - New Mains Citywide

Project Description

Accommodate new growth and extend main gas lines to new subdivisions.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	\$28,416	-	\$28,416
Gas Bond Construction	\$669,675	\$848,186	\$1,517,861
Total	\$698,091	\$848,186	\$1,546,277

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$807,315	-	-	-	-	-	\$807,315
CIP Administration	\$40,871	-	-	-	-	-	\$40,871
Total	\$848,186	-	-	-	-	-	\$848,186

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

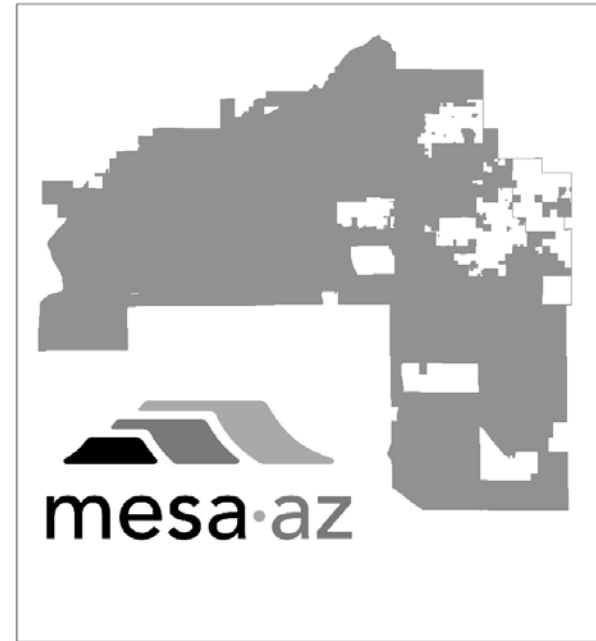
Gas

Project Number and Name

CP0310 - Gas System - New Services

Project Description

Add additional services to new residential and commercial customers.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$480,454	\$25,729	\$506,183
Total	\$480,454	\$25,729	\$506,183

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$24,314	-	-	-	-	-	\$24,314
CIP Administration	\$1,415	-	-	-	-	-	\$1,415
Total	\$25,729	-	-	-	-	-	\$25,729

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

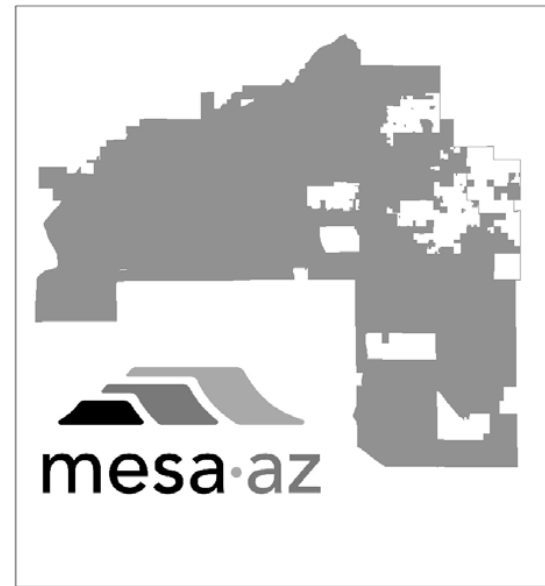
Gas

Project Number and Name

CP0154 - High Pressure Gas Main Installations

Project Description

Install high pressure gas main to meet anticipated growth of the City.
 These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$955	\$7,046,987	\$7,047,942
Total	\$955	\$7,046,987	\$7,047,942

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$579,538	\$619,224	\$661,108	\$707,420	\$756,310	\$3,457,055	\$6,780,655
Direct Expenses	\$580	\$620	\$661	\$708	\$757	\$3,459	\$6,784
CIP Administration	\$34,785	\$37,168	\$39,682	\$42,461	\$18,928	\$86,525	\$259,549
Total	\$614,903	\$657,011	\$701,450	\$750,589	\$775,996	\$3,547,038	\$7,046,987

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

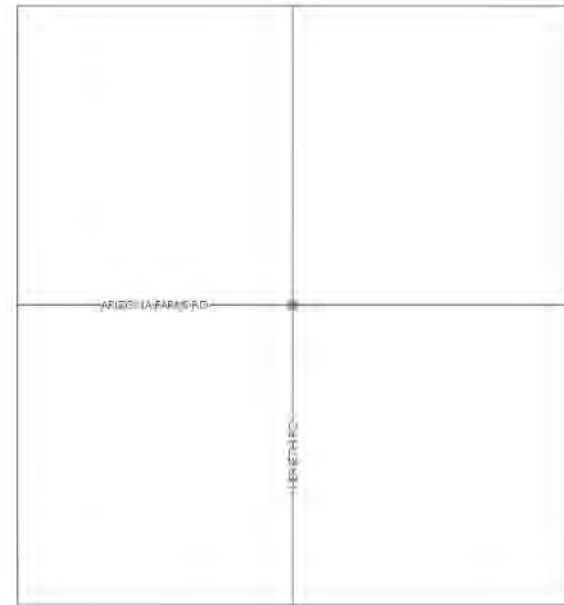
Gas

Project Number and Name

CP0079 - Magma Communication Tower Upgrades

Project Description

Install a radio communication tower in the Magma service area. The tower will provide improved radio and Supervisory Control and Data Acquisition (SCADA) communication for Magma and the East Mesa service areas.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$112,708	\$27,141	\$139,849
Total	\$112,708	\$27,141	\$139,849

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$25,580	-	-	-	-	-	\$25,580
Direct Expenses	\$26	-	-	-	-	-	\$26
CIP Administration	\$1,535	-	-	-	-	-	\$1,535
Total	\$27,141	-	-	-	-	-	\$27,141

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

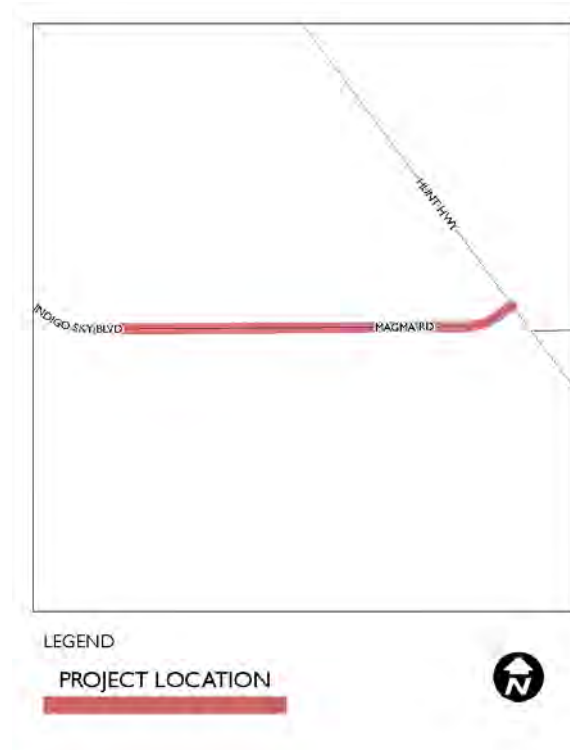
Gas

Project Number and Name

C10377 - Magma Road; Hunt Hwy to Johnson Ranch

Project Description

Install a 4-inch intermediate pressure gas main to ensure operational integrity of the natural gas system in the Magma service area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$48,121	\$50,000	\$98,121
Total	\$48,121	\$50,000	\$98,121

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Land Acquisition	\$45,000	-	-	-	-	-	\$45,000
Construction	\$2,500	-	-	-	-	-	\$2,500
CIP Administration	\$2,500	-	-	-	-	-	\$2,500
Total	\$50,000	-	-	-	-	-	\$50,000

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

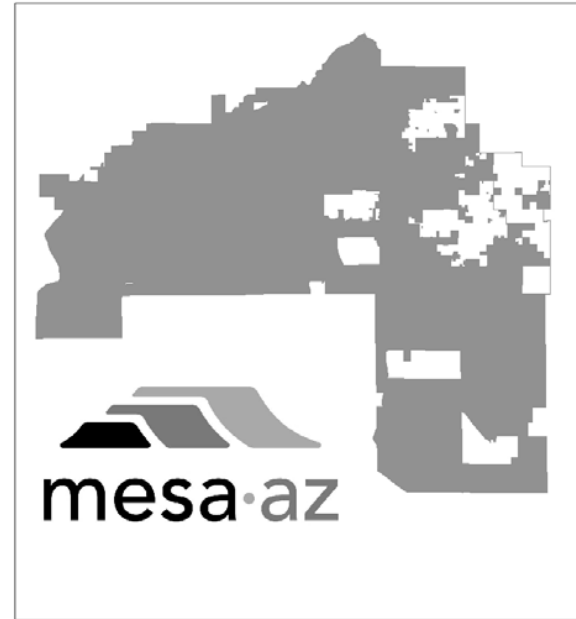
Gas

Project Number and Name

CP0071 - Magma Utility Service Center

Project Description

Construct a satellite service center for employees, vehicles, materials, tools and equipment from the Natural Gas Division, the Utility Services Section and Gas Marketing to provide service and support to the gas system and customers in the area.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$503,462	\$503,462
Total	-	\$503,462	\$503,462

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	-	-	\$474,506	-	-	\$474,506
Direct Expenses	-	-	-	\$475	-	-	\$475
CIP Administration	-	-	-	\$28,481	-	-	\$28,481
Total	-	-	-	\$503,462	-	-	\$503,462

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0076 - McDowell and Greenfield Regulator Station

Project Description

Install a district regulator station to meet anticipated growth needs of the natural gas system in East Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$335,740	\$335,740
Total	-	\$335,740	\$335,740

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$24,757	-	-	-	-	\$24,757
Construction	-	-	\$291,674	-	-	-	\$291,674
Direct Expenses	-	\$24	\$292	-	-	-	\$316
CIP Administration	-	\$1,486	\$17,507	-	-	-	\$18,993
Total	-	\$26,267	\$309,472	-	-	-	\$335,740

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

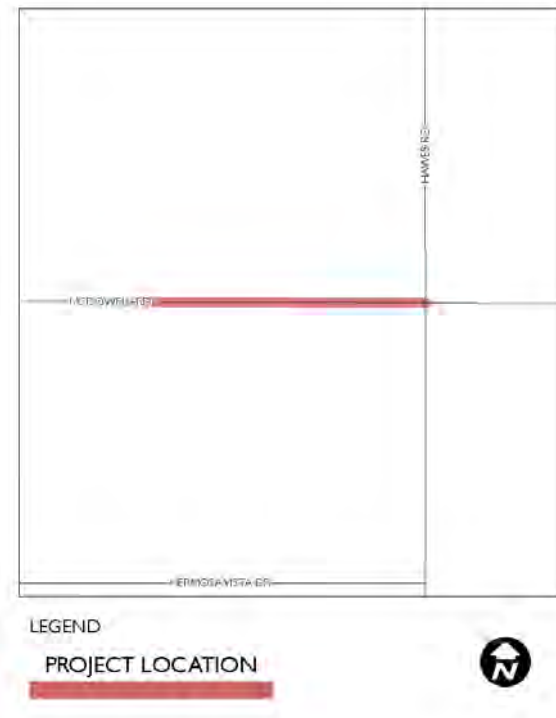
Gas

Project Number and Name

CP0072 - McDowell Road; 80th Street to Hawes Road

Project Description

Construct a tie between two existing intermediate gas mains with new 4" gas main to meet anticipated growth needs of the natural gas system in east Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$430,886	\$430,886
Total	-	\$430,886	\$430,886

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$40,835	-	-	-	-	\$40,835
Construction	-	\$367,522	-	-	-	-	\$367,522
Direct Expenses	-	\$408	-	-	-	-	\$408
CIP Administration	-	\$22,122	-	-	-	-	\$22,122
Total	-	\$430,886	-	-	-	-	\$430,886

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0074 - McKellips Road: North Boulder Mountain to 98th Place

Project Description

Construct a tie between two existing intermediate gas mains together with a new 4" intermediate gas main. This project will ensure adequate supply of natural gas to meet customer needs in the area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$206,166	\$206,166
Total	-	\$206,166	\$206,166

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$14,918	-	-	-	-	-	\$14,918
Construction	-	\$178,819	-	-	-	-	\$178,819
Direct Expenses	\$15	\$753	-	-	-	-	\$768
CIP Administration	\$895	\$10,766	-	-	-	-	\$11,661
Total	\$15,828	\$190,338	-	-	-	-	\$206,166

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0221 - McKellips; Country Club to Hwy 202, Gas Main

Project Description

Purchase and install intermediate pressure gas main for service along McKellips Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$332,924	\$332,924
Total	-	\$332,924	\$332,924

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$22,769	-	\$22,769
Construction	-	-	-	-	-	\$301,711	\$301,711
Direct Expenses	-	-	-	-	\$23	\$302	\$324
CIP Administration	-	-	-	-	\$569	\$7,550	\$8,119
Total	-	-	-	-	\$23,360	\$309,563	\$332,924

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

CP0223 - Meridian and Combs Gas Main Replacement

Project Description

Replace the high pressure gain main to ensure operational reliability and expansion of the natural gas pipeline to customers in the Magma service area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$370,874	\$370,874
Total	-	\$370,874	\$370,874

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$31,276	-	-	-	-	-	\$31,276
Construction	-	\$318,267	-	-	-	-	\$318,267
Direct Expenses	-	\$350	-	-	-	-	\$350
CIP Administration	\$1,830	\$19,151	-	-	-	-	\$20,981
Total	\$33,106	\$337,768	-	-	-	-	\$370,874

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

CP0394 - Meridian and Queen Creek GRS97 Redesign

Project Description

Redesign the existing regulator station at the intersection of Meridian Rd and Queen Creek Rd to be able to serve the surrounding residential developments in the area. Also, construction of a 4-inch pressure pipe running south along Meridian Rd to tie the regulator station into the surrounding system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$304,853	\$304,853
Total	-	\$304,853	\$304,853

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$10,000	-	-	-	-	-	\$10,000
Construction	-	-	\$277,318	-	-	-	\$277,318
Direct Expenses	-	-	\$289	-	-	-	\$289
CIP Administration	\$585	-	\$16,661	-	-	-	\$17,246
Total	\$10,585	-	\$294,268	-	-	-	\$304,853

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

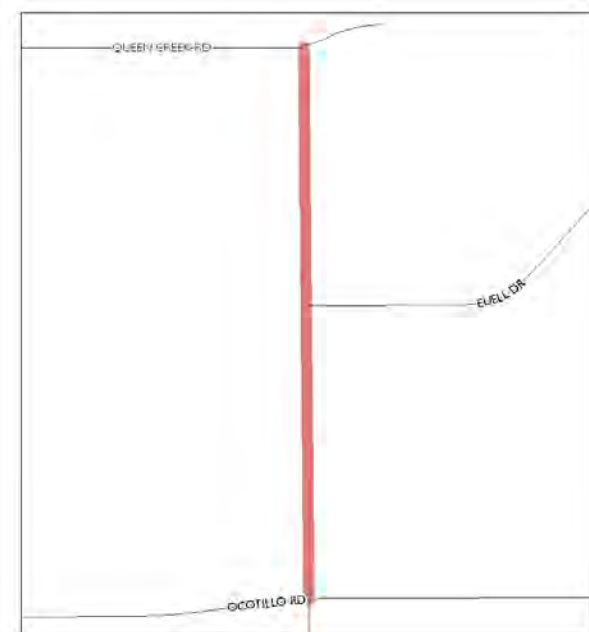
Gas

Project Number and Name

CP0393 - Meridian Rd Intermediate Pressure Cross-Tie; Queen Creek Rd to Ocotillo Rd

Project Description

Install the connection of the 4-inch pipe on Ocotillo Rd to the regulator station at Queen Creek Rd and Meridian Rd.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$299,976	\$299,976
Total	-	\$299,976	\$299,976

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$10,000	-	-	-	-	-	\$10,000
Construction	-	\$272,767	-	-	-	-	\$272,767
Direct Expenses	-	\$284	-	-	-	-	\$284
CIP Administration	\$585	\$16,341	-	-	-	-	\$16,926
Total	\$10,585	\$289,391	-	-	-	-	\$299,976

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0073 - Power and Elliot Regulator Station

Project Description

Construct a new a regulator station to meet current and future customer needs in the area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$324,576	\$324,576
Total	-	\$324,576	\$324,576

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$23,877	-	-	-	-	-	\$23,877
Construction	-	\$282,032	-	-	-	-	\$282,032
Direct Expenses	\$24	\$282	-	-	-	-	\$306
CIP Administration	\$1,433	\$16,928	-	-	-	-	\$18,361
Total	\$25,334	\$299,242	-	-	-	-	\$324,576

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0077 - Power Road and Brown Road Cross-Tie

Project Description

Install 2,300 feet of gas main from McKellips to Indigo St along north Power Road to meet anticipated growth needs of the natural gas system in East Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$339,398	\$339,398
Total	-	\$339,398	\$339,398

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$28,204	-	-	-	-	\$28,204
Construction	-	-	\$291,674	-	-	-	\$291,674
Direct Expenses	-	\$28	\$292	-	-	-	\$320
CIP Administration	-	\$1,693	\$17,507	-	-	-	\$19,200
Total	-	\$29,926	\$309,472	-	-	-	\$339,398

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

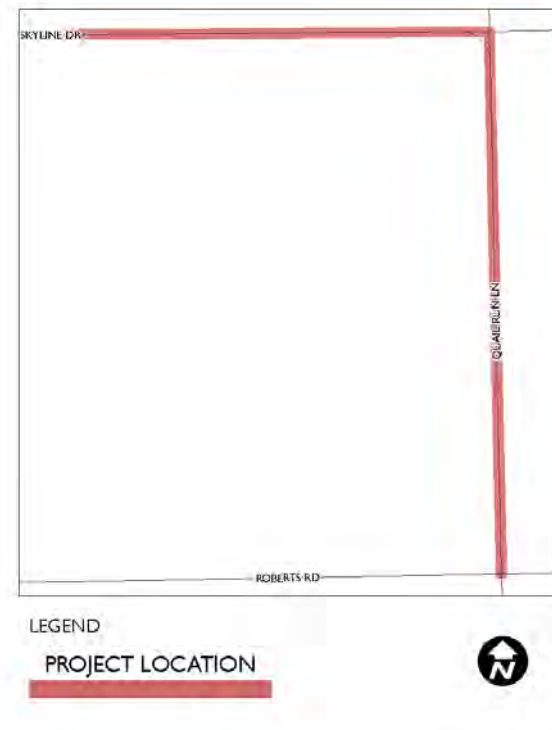
Gas

Project Number and Name

C07026 - Gas Line Replacement - Quail Run, Roberts to Skyline and Skyline, Quail Run to Camino Largo

Project Description

Replace aging infrastructure in the Magma natural gas system. The installation will replace approximately 1.5 miles of 4 inch steel pipe and realign the pipe from its current location onto a public right-of-way.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$260,059	\$1,125,000	\$1,385,059
Total	\$260,059	\$1,125,000	\$1,385,059

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,085,625	-	-	-	-	-	\$1,085,625
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$39,375	-	-	-	-	-	\$39,375
Total	\$1,125,000	-	-	-	-	-	\$1,125,000

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

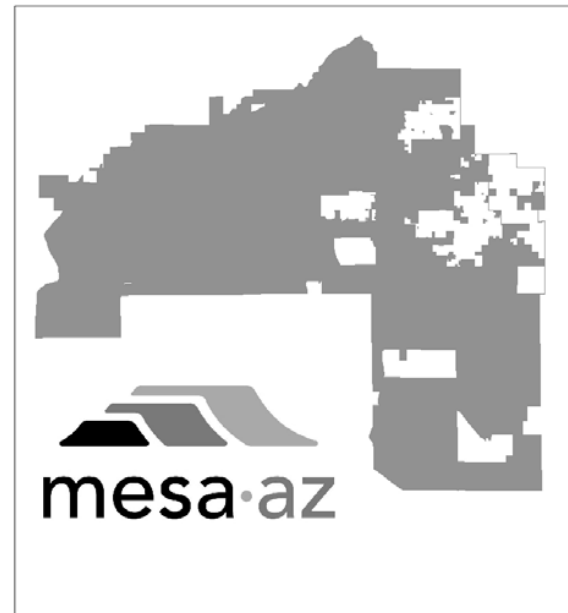
Gas

Project Number and Name

C10388 - Regulator Station Security

Project Description

Install on-site security systems to monitor and deter theft and sabotage of regulator station equipment.



Project Expenditures by Fund

City Wide

Total Project - Capital			
Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$533,247	\$533,247
Total	-	\$533,247	\$533,247

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$51,160	\$53,044	\$54,858	\$56,867	\$58,939	\$239,234	\$514,102
Direct Expenses	\$51	\$53	\$55	\$57	\$59	\$240	\$514
CIP Administration	\$1,280	\$3,184	\$3,292	\$3,416	\$1,474	\$5,984	\$18,631
Total	\$52,491	\$56,281	\$58,205	\$60,340	\$60,472	\$245,457	\$533,247

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

CP0075 - Regulator Station, Hawes: McKellips Road to Hermosa Vista

Project Description

Install a 4" high pressure gas main and district regulator station to meet anticipated growth needs of the natural gas system in the East Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$1,022,238	\$1,022,238
Total	-	\$1,022,238	\$1,022,238

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$75,958	-	-	-	-	\$75,958
Construction	-	-	\$887,488	-	-	-	\$887,488
Direct Expenses	-	\$76	\$888	-	-	-	\$964
CIP Administration	-	\$4,559	\$53,269	-	-	-	\$57,828
Total	-	\$80,593	\$941,645	-	-	-	\$1,022,238

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

CP0181 - Regulator Station, Higley; McDowell to Thomas

Project Description

Construct regulator station and other system improvements to ensure operational reliability and expansion of the natural gas pipeline to customers in northeast Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$1,679,075	\$1,679,075
Total	-	\$1,679,075	\$1,679,075

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$123,508	-	-	-	-	\$123,508
Construction	-	-	\$1,458,999	-	-	-	\$1,458,999
Direct Expenses	-	\$123	\$1,459	-	-	-	\$1,582
CIP Administration	-	\$7,413	\$87,573	-	-	-	\$94,986
Total	-	\$131,045	\$1,548,030	-	-	-	\$1,679,075

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

C10375 - Regulator Station, Thomas and Power

Project Description

Construct system improvements to ensure operational reliability and expansion of the natural gas pipeline to customers in northeast Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$1,200,582	\$57,371	\$1,257,953
Total	\$1,200,582	\$57,371	\$1,257,953

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$3,734	-	-	-	-	-	\$3,734
Construction	\$51,697	-	-	-	-	-	\$51,697
CIP Administration	\$1,940	-	-	-	-	-	\$1,940
Total	\$57,371	-	-	-	-	-	\$57,371

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

C10373 - Southern Avenue: Greenfield Road to 48th Street Gas Main

Project Description

Install high and intermediate pressure gas main to ensure operational integrity of the natural gas system. Replacements will be located along East Southern Avenue.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$3,197	\$547,158	\$550,356
Total	\$3,197	\$547,158	\$550,356

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$25,440	-	-	-	-	\$25,440
Construction	-	-	\$490,243	-	-	-	\$490,243
Direct Expenses	-	\$25	\$497	-	-	-	\$522
CIP Administration	-	\$1,527	\$29,426	-	-	-	\$30,953
Total	-	\$26,993	\$520,165	-	-	-	\$547,158

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Gas

Project Number and Name

CP0219 - Stapley; University to McKellips - Gas Improvements

Project Description

Construct system improvements along Stapley Drive to ensure operational reliability and expansion of the natural gas system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$2,187,971	\$2,187,971
Total	-	\$2,187,971	\$2,187,971

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$82,392	-	\$82,392
Construction	-	-	-	-	-	\$2,101,333	\$2,101,333
Direct Expenses	-	-	-	-	\$83	\$2,101	\$2,183
CIP Administration	-	-	-	-	\$2,062	-	\$2,062
Total	-	-	-	-	\$84,537	\$2,103,434	\$2,187,971

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

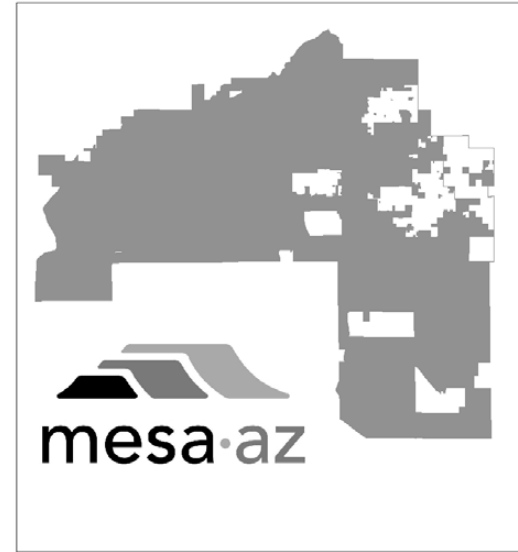
Gas

Project Number and Name

C01886 - Supervisory Control & Data Acquisition System for the Natural Gas Distribution System

Project Description

Install monitoring hardware for the natural gas system to ensure reliability, efficiency, and minimize service impacts.



City Wide

Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	\$76,860	\$1,104,852	\$1,181,712
Total	\$76,860	\$1,104,852	\$1,181,712

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$3,968	-	-	-	-	-	\$3,968
Construction	\$564,511	\$254,400	\$63,323	\$87,309	\$78,054	-	\$1,047,598
Direct Expenses	\$250	\$254	-	-	-	-	\$504
CIP Administration	\$26,527	\$15,270	\$3,797	\$5,235	\$1,952	-	\$52,782
Total	\$595,256	\$269,925	\$67,121	\$92,545	\$80,006	-	\$1,104,852

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

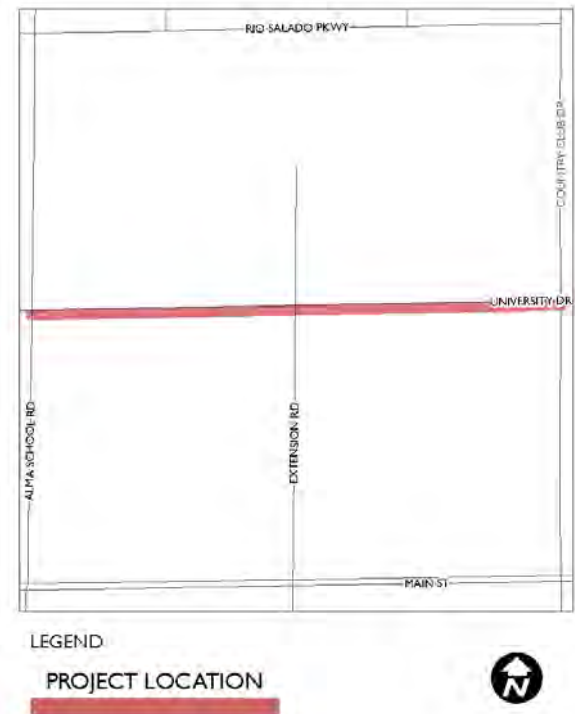
Gas

Project Number and Name

CP0220 - University; Alma School to Country Club - Gas Improvements

Project Description

Construct system improvements along University Drive to ensure operational reliability and expansion of the natural gas system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$836,937	\$836,937
Total	-	\$836,937	\$836,937

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$31,634	-	-	\$31,634
Construction	-	-	-	-	\$784,092	-	\$784,092
Direct Expenses	-	-	-	-	\$785	-	\$785
CIP Administration	-	-	-	-	\$20,426	-	\$20,426
Total	-	-	-	\$31,634	\$805,303	-	\$836,937

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Gas

Project Number and Name

C10586 - Waterline Replacement QS13A & C

Project Description

Replace utility lines in the area that have reached the end of their useful life or have experienced failure. Replacement ensures reliable operation of the utility systems.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$2,005,517	\$2,005,517
Water Bond Construction	-	\$3,732,732	\$3,732,732
Total	-	\$5,738,249	\$5,738,249

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$315,456	-	-	-	\$181,083	\$496,539
Construction	-	-	\$3,207,558	-	-	\$1,773,565	\$4,981,122
Direct Expenses	-	-	\$32,076	-	-	\$1,954	\$34,029
CIP Administration	-	\$15,763	\$161,880	-	-	\$48,916	\$226,559
Total	-	\$331,219	\$3,401,513	-	-	\$2,005,517	\$5,738,249

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

CP0048 - McKellips Rd Sewer - Hawes to Ellsworth Sewer

Project Description

Install a 12-inch wastewater line in McKellips Road to serve currently undeveloped areas. This line will begin at the termination of an existing 18-inch line at Hawes Rd. and will extend approximately 4,800 feet east to Ellsworth Rd.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$702,603	\$702,603
Total	-	\$702,603	\$702,603

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$62,916	-	\$62,916
Construction	-	-	-	-	-	\$576,435	\$576,435
Direct Expenses	-	-	-	-	-	\$46,115	\$46,115
CIP Administration	-	-	-	-	\$1,573	\$15,564	\$17,137
Total	-	-	-	-	\$64,489	\$638,114	\$702,603

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0040 - 6th Street Sulfide Control Station Rehabilitation

Project Description

Replace the existing pumps, storage tanks, and system controls so that this facility can continue to provide adequate level of service. The existing 6th Street Sulfide Control Station was installed in 2001 and the expected useful life of such facilities is approximately 15 - 20 years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$652,054	\$652,054
Total	-	\$652,054	\$652,054

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$51,765	-	-	-	-	-	\$51,765
Construction	-	\$545,508	-	-	-	-	\$545,508
Direct Expenses	-	\$12,148	-	-	-	-	\$12,148
CIP Administration	\$3,621	\$39,012	-	-	-	-	\$42,633
Total	\$55,386	\$596,668	-	-	-	-	\$652,054

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

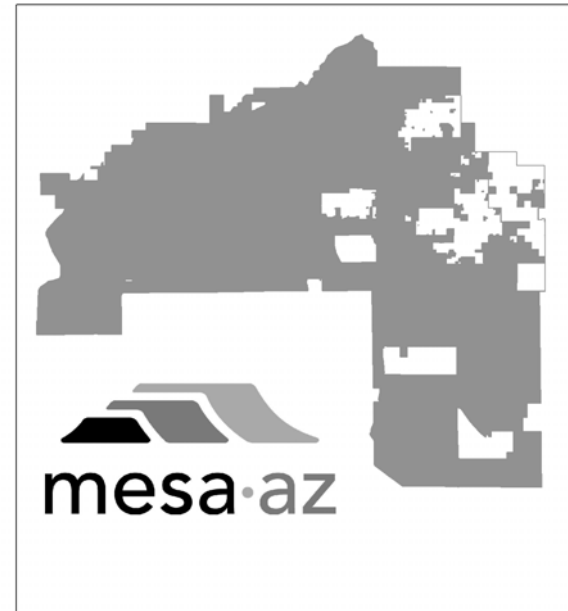
Wastewater

Project Number and Name

CP0141 - 91st Ave Wastewater Treatment Plant Upgrades (Mesa Share)

Project Description

The City of Mesa is a member of the Sub-Regional Operating Group (SROG) which also consists of Phoenix, Tempe, Glendale, and Scottsdale. Per an intergovernmental agreement with SROG, Mesa has agreed to share in the cost of the operational and facility upgrades to the 91st Avenue Wastewater Treatment Plant in exchange for sending a portion of Mesa's wastewater to the plant.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,372,110	\$33,812,060	\$35,184,170
Total	\$1,372,110	\$33,812,060	\$35,184,170

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	-	-	-	-	-	-
Mesa Share	\$1,937,507	\$3,516,460	\$4,992,061	\$7,767,188	\$2,684,125	\$11,258,460	\$32,155,801
CIP Administration	\$48,438	\$245,999	\$349,225	\$543,363	\$187,772	\$281,462	\$1,656,259
Total	\$1,985,945	\$3,762,459	\$5,341,286	\$8,310,552	\$2,871,897	\$11,539,922	\$33,812,060

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

CP0382 - Baseline Interceptor Sulfide Control Station

Project Description

Improve odor control on the Baseline Road Interceptor between Greenfield Road and Price Road to minimize the potential for odor problems. Model the Baseline Road Interceptor to determine potential odor problem areas, evaluate alternative odor control technologies, prepare design documents for the recommended facilities and construct proposed facilities.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,514,414	\$2,514,414
Total	-	\$2,514,414	\$2,514,414

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$102,000	-	-	-	-	-	\$102,000
Land Acquisition	\$50,000	-	-	-	-	-	\$50,000
Construction	-	\$2,136,960	-	-	-	-	\$2,136,960
Direct Expenses	-	\$61,056	-	-	-	-	\$61,056
CIP Administration	\$10,633	\$153,765	-	-	-	-	\$164,398
Total	\$162,633	\$2,351,781	-	-	-	-	\$2,514,414

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10580 - Rehabilitate Broadway Lift Station

Project Description

Replace the existing pumps and upgrade the facilities to meet current standards. The Broadway Road Lift Station was constructed in 1981 and has reached its useful life.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$277,100	\$823,948	\$1,101,048
Total	\$277,100	\$823,948	\$1,101,048

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$36,356	-	-	-	-	-	\$36,356
Land Acquisition	\$246,225	-	-	-	-	-	\$246,225
Construction	\$488,290	-	-	-	-	-	\$488,290
Direct Expenses	\$32,126	-	-	-	-	-	\$32,126
CIP Administration	\$20,951	-	-	-	-	-	\$20,951
Total	\$823,948	-	-	-	-	-	\$823,948

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

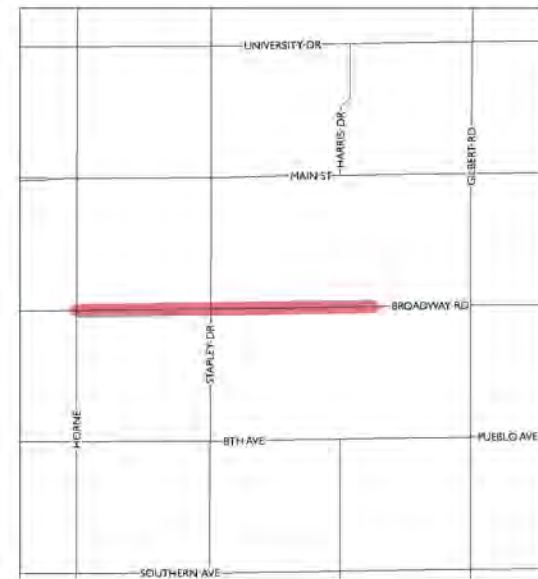
Wastewater

Project Number and Name

CP0038 - Broadway Road Sewer Line Replacement: Horne to Williams

Project Description

Replace approximately one mile of pipe to eliminate the defective pipe and improve flow velocities. This line was recently inspected as part of the Wastewater Asset Management Program and was found to be in poor condition. In addition, a large portion of this line was installed at a slope that is considered less than minimum allowed by current standards. This results in low flow velocities that lead to solids deposition and odor problems.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$161,284	\$1,446,079	\$1,607,363
Total	\$161,284	\$1,446,079	\$1,607,363

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$30,000	-	-	-	-	-	\$30,000
Construction	\$1,352,504	-	-	-	-	-	\$1,352,504
Direct Expenses	\$22,500	-	-	-	-	-	\$22,500
CIP Administration	\$41,075	-	-	-	-	-	\$41,075
Total	\$1,446,079	-	-	-	-	-	\$1,446,079

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0260 - Center St. Lift Station & Sulfide Control Station
 Rehabilitation

Project Description

Replace existing Fiberglass Reinforced Plastic (FRP) chemical storage tank and piping. Replace existing submersible sewage pumps and motors, replace existing electrical equipment and controls.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$989,979	\$989,979
Total	-	\$989,979	\$989,979

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$80,524	-	\$80,524
Construction	-	-	-	-	-	\$819,731	\$819,731
Direct Expenses	-	-	-	-	-	\$65,579	\$65,579
CIP Administration	-	-	-	-	\$2,013	\$22,133	\$24,146
Total	-	-	-	-	\$82,537	\$907,442	\$989,979

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

C01687 - Diversion Structures Rehabilitation

Project Description

Rehabilitate Diversion Structure numbers 1, 8, and 43. These structures have been a part of the City's wastewater system for a number of years and are showing various degrees of degradation thereby creating a potentially hazardous condition.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$48,172	\$95,925	\$144,097
Total	\$48,172	\$95,925	\$144,097

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$92,681	-	-	-	-	-	\$92,681
Construction	-	-	-	-	-	-	-
CIP Administration	\$3,244	-	-	-	-	-	\$3,244
Total	\$95,925	-	-	-	-	-	\$95,925

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10326 - Dobson Road Odor Control Facilities

Project Description

Construct facilities on the Central Mesa Interceptor in the vicinity of the Dobson and Broadway intersection to control wastewater system odors.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,043,565	\$26,477	\$1,070,042
Total	\$1,043,565	\$26,477	\$1,070,042

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$25,582	-	-	-	-	-	\$25,582
CIP Administration	\$895	-	-	-	-	-	\$895
Total	\$26,477	-	-	-	-	-	\$26,477

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0379 - Eagle Crest Lift Station Access Easement

Project Description

This project will obtain an Access Easement from the Maricopa County Flood Control District (FCDMC) to legally permit station access via this route. It will also regrade the area between the FCDMC access road and the lift station to facilitate vehicle access.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$127,305	\$127,305
Total	-	\$127,305	\$127,305

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Land Acquisition	\$115,000	-	-	-	-	-	\$115,000
Direct Expenses	\$9,200	-	-	-	-	-	\$9,200
CIP Administration	\$3,105	-	-	-	-	-	\$3,105
Total	\$127,305	-	-	-	-	-	\$127,305

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

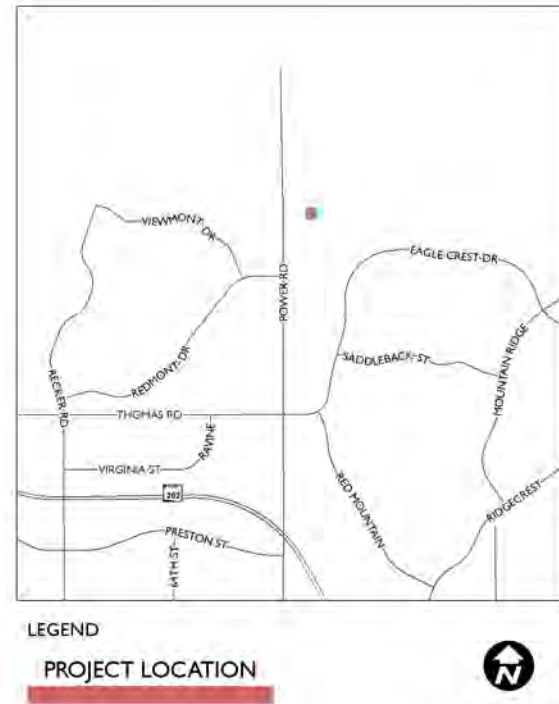
Wastewater

Project Number and Name

CP0043 - Eagle Crest Lift Station Rehabilitation

Project Description

Replace the existing pumps, piping, and system controls so that this facility can continue to provide adequate level of service. The existing Eagle Crest Lift Station was installed in 1997 and the expected useful life of such facilities is approximately 15 - 20 years. Therefore, it is anticipated that this facility will require a major rehabilitation by 2017.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$724,515	\$724,515
Total	-	\$724,515	\$724,515

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$65,364	-	-	-	\$65,364
Construction	-	-	-	\$603,165	-	-	\$603,165
Direct Expenses	-	-	-	\$8,616	-	-	\$8,616
CIP Administration	-	-	\$4,572	\$42,798	-	-	\$47,371
Total	-	-	\$69,936	\$654,579	-	-	\$724,515

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0376 - Ellsworth Rd. Sewer: Elliot to Ray

Project Description

Installation of approximately 2,400 feet of 12-inch pipe, 2,400 feet of 18-inch pipe, and 4,700 feet of 21-inch pipe along Ellsworth Road that would initially discharge flow to the existing Ray Road sewer at Ray Road and Ellsworth Road. Includes a diversion Structure on Ellsworth Road at Warner Road to divert flow to the proposed Warner Road Sewer when constructed. This will serve projected development southeast Mesa between Elliot Road and Ray Road.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,366,917	\$2,366,917
Total	-	\$2,366,917	\$2,366,917

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$230,191	-	-	-	-	\$230,191
Construction	-	-	\$1,949,057	-	-	-	\$1,949,057
Direct Expenses	-	\$5,071	\$27,844	-	-	-	\$32,914
CIP Administration	-	\$16,458	\$138,296	-	-	-	\$154,754
Total	-	\$251,720	\$2,115,197	-	-	-	\$2,366,917

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

C10602 - Filters for Brown Road Water Treatment Plant

Project Description

Repair and/or replace damaged filters to achieve and maintain normal plant production levels. These filters act as the final step in the water treatment process before the water is conveyed to reservoirs for distribution. The plant filters have been experiencing failure recently and need to be repaired/replaced to ensure the plant is able to operate at full capacity during the summer months.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$2,484,600	\$86,999	\$2,571,599
Total	\$2,484,600	\$86,999	\$2,571,599

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$13,019	-	-	-	-	-	\$13,019
Construction	\$71,038	-	-	-	-	-	\$71,038
CIP Administration	\$2,942	-	-	-	-	-	\$2,942
Total	\$86,999	-	-	-	-	-	\$86,999

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0067 - Greenfield Wastewater Reclamation Plant Expansion (Mesa Share)

Project Description

Construct additional treatment capacity to meet the increasing wastewater flows to the Greenfield Water Reclamation Plant. The Reclamation Plant is an endeavor of several municipalities. The listed cost is Mesa's share only.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Enterprise Fund	-	\$1,853,362	\$1,853,362
Total	-	\$1,853,362	\$1,853,362

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,966	\$109,285,430	\$109,287,397
Total	\$1,966	\$109,285,430	\$109,287,397

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Pre-Design	-	-	-	-	-	-	-
Design	\$3,017,063	\$4,070,400	-	-	-	-	\$7,087,463
Construction	-	\$7,611,959	\$46,375,531	\$39,065,011	-	-	\$93,052,501
Direct Expenses	\$277,388	\$282,270	\$287,012	\$292,494	-	-	\$1,139,164
CIP Administration	\$606,935	\$882,567	\$3,227,579	\$3,289,221	-	-	\$8,006,302
Total	\$3,901,386	\$12,847,196	\$49,890,122	\$42,646,726	-	-	\$109,285,430

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0145 - Greenfield Water Reclamation Plant Equipment Replacement

Project Description

Replace process equipment as required to maintain plant operation. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$27,261	\$5,918,158	\$5,945,419
Total	\$27,261	\$5,918,158	\$5,945,419

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$622,000	\$508,800	\$848,451	\$954,284	\$823,490	\$1,451,597	\$5,208,622
Direct Expenses	\$49,760	\$40,704	\$67,876	\$76,343	\$65,879	\$116,128	\$416,690
CIP Administration	\$16,794	\$38,441	\$64,103	\$72,099	\$62,217	\$39,193	\$292,846
Total	\$688,554	\$587,945	\$980,429	\$1,102,726	\$951,586	\$1,606,918	\$5,918,158

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0045 - Greenfield Water Reclamation Plant Improvements

Project Description

Modify and/or rehabilitate the existing systems and installation of new systems to improve plant operations and reliability.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$25,372	\$2,257,817	\$2,283,189
Total	\$25,372	\$2,257,817	\$2,283,189

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Pre-Design	-	\$10,176	-	-	-	-	\$10,176
Design	\$79,028	\$61,260	\$67,255	-	-	-	\$207,543
Construction	\$516,125	\$571,739	\$18,625	\$790,844	-	-	\$1,897,332
Direct Expenses	\$5,160	\$6,330	\$859	\$7,908	-	-	\$20,258
CIP Administration	\$15,153	\$45,426	\$6,066	\$55,864	-	-	\$122,509
Total	\$615,466	\$694,930	\$92,805	\$854,616	-	-	\$2,257,817

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10335 - Greenfield Water Reclamation Plant Primary Odor Control Expansion

Project Description

Expand the primary odor control facilities at the plant. These facilities are currently operating at their design capacity.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$130,223	\$1,804,338	\$1,934,561
Total	\$130,223	\$1,804,338	\$1,934,561

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,751,389	-	-	-	-	-	\$1,751,389
Direct Expenses	\$12,219	-	-	-	-	-	\$12,219
CIP Administration	\$40,730	-	-	-	-	-	\$40,730
Total	\$1,804,338	-	-	-	-	-	\$1,804,338

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10427 - Greenfield Water Reclamation Plant Pumpback Station

Project Description

The City has an agreement with the Gila River Indian Community (GRIC) for supplying reclaimed water. The pumpback station will allow the City continue to meet the obligation.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$17,896,436	\$17,896,436
Total	-	\$17,896,436	\$17,896,436

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$1,108,758	\$483,751	\$1,592,509
Construction	-	-	-	-	-	\$14,692,063	\$14,692,063
Direct Expenses	-	-	-	-	-	\$1,175,365	\$1,175,365
CIP Administration	-	-	-	-	\$27,720	\$408,780	\$436,499
Total	-	-	-	-	\$1,136,478	\$16,759,959	\$17,896,436

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0263 - Greenfield Water Reclamation Plant Headworks & Solids Building Duct Upgrades

Project Description

Replace the duct systems at two buildings with new wire systems to eliminate the possibility of future failures due to water intrusion.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,090,395	\$1,090,395
Total	-	\$1,090,395	\$1,090,395

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,053,950	-	-	-	-	-	\$1,053,950
Direct Expenses	\$9,850	-	-	-	-	-	\$9,850
CIP Administration	\$26,595	-	-	-	-	-	\$26,595
Total	\$1,090,395	-	-	-	-	-	\$1,090,395

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10283 - Higley Road Lift Station & Force Main

Project Description

Construct a wastewater lift station and install 3,400 feet of 8-inch force main to serve development along Thomas Road between 56th Street and Higley Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,062,011	\$1,062,011
Total	-	\$1,062,011	\$1,062,011

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$76,616	-	\$76,616
Construction	-	-	-	-	-	\$888,418	\$888,418
Direct Expenses	-	-	-	-	-	\$71,074	\$71,074
CIP Administration	-	-	-	-	\$1,915	\$23,988	\$25,903
Total	-	-	-	-	\$78,531	\$983,480	\$1,062,011

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0039 - Ivyglen Sulfide Control Station Rehabilitation

Project Description

Replace the existing pumps, storage tanks, and system controls so that this facility can continue to provide an adequate level of service. The existing Ivy Glen Sulfide Control Station was installed in 1993 and the expected useful life of such facilities is approximately 15 to 20 years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$71,982	\$523,722	\$595,704
Total	\$71,982	\$523,722	\$595,704

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$1,787	-	-	-	-	-	\$1,787
Construction	\$495,054	-	-	-	-	-	\$495,054
Direct Expenses	\$9,528	-	-	-	-	-	\$9,528
CIP Administration	\$17,353	-	-	-	-	-	\$17,353
Total	\$523,722	-	-	-	-	-	\$523,722

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

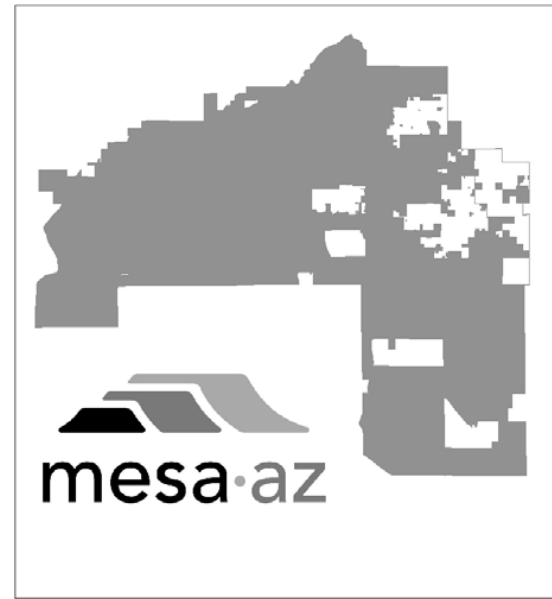
Wastewater

Project Number and Name

CP0385 - Lift Station Equipment Replacement

Project Description

Replace equipment that is no longer functional or has reached it's useful life at the wastewater lift stations to maintain level of service.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$545,969	\$545,969
Total	-	\$545,969	\$545,969

City Wide

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$50,000	\$50,880	\$51,735	\$52,723	\$53,683	\$225,169	\$484,189
Direct Expenses	\$4,000	\$4,070	\$4,139	\$4,218	\$4,295	\$18,014	\$38,735
CIP Administration	\$3,778	\$3,844	\$3,909	\$3,984	\$1,449	\$6,080	\$23,044
Total	\$57,778	\$58,795	\$59,783	\$60,924	\$59,427	\$249,262	\$545,969

Transportation Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

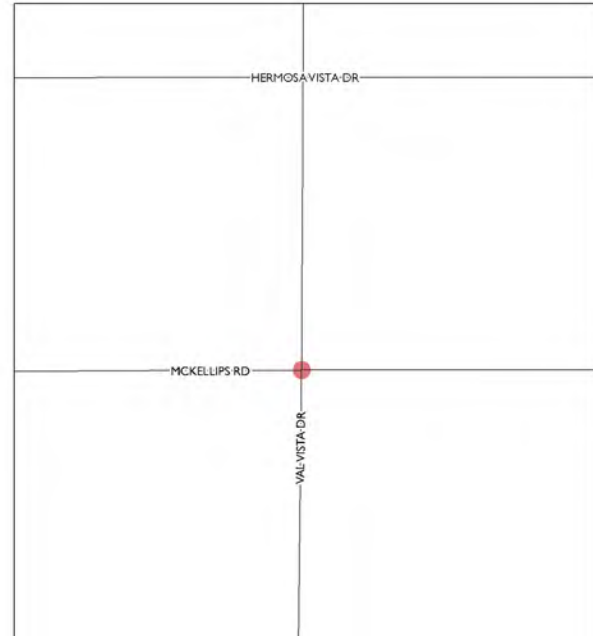
Streets

Project Number and Name

CP0056 - McKellips Road and Val Vista Drive Intersection Improvements

Project Description

Traffic volumes continue to grow on McKellips Road. Improvements are needed to increase traffic flow and capacity at the intersection. There are also portion of the area where curb, gutter, and sidewalk do not exist.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$3,192,675	\$3,192,675
Water Bond Construction	-	\$1,052,516	\$1,052,516
Total	-	\$4,245,191	\$4,245,191

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$220,424	-	-	-	\$220,424
Construction	-	-	-	\$3,782,010	-	-	\$3,782,010
Direct Expenses	-	-	\$131	\$11,924	-	-	\$12,055
CIP Administration	-	-	\$12,338	\$218,363	-	-	\$230,701
Total	-	-	\$232,894	\$4,012,297	-	-	\$4,245,191

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

CP0388 - Noche de Paz Lift Station

Project Description

Replacement of existing chemical storage tanks, pumps and piping.
Replacement of existing submersible sewage pumps and motors and replacement existing electrical equipment and controls in order to maintain adequate levels of service and bring the facility into conformance with current City design standards and specifications



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$995,482	\$995,482
Total	-	\$995,482	\$995,482

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$85,892	-	\$85,892
Construction	-	-	-	-	-	\$819,731	\$819,731
Direct Expenses	-	-	-	-	-	\$65,579	\$65,579
CIP Administration	-	-	-	-	\$2,147	\$22,133	\$24,280
Total	-	-	-	-	\$88,039	\$907,442	\$995,482

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

CP0050 - Noche de Paz Sulfide Control Station Rehab

Project Description

Replace the existing pumps, storage tanks, and system controls so that this facility can continue to provide adequate level of service. The existing Noche de Paz Sulfide Control Station was installed in 2001 and the expected useful life of such facilities is approximately 15 - 20 years. Therefore, it is anticipated that this facility will require a major rehabilitation between 2017 and 2020.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$676,816	\$676,816
Total	-	\$676,816	\$676,816

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$54,756	-	\$54,756
Construction	-	-	-	-	-	\$560,696	\$560,696
Direct Expenses	-	-	-	-	-	\$44,856	\$44,856
CIP Administration	-	-	-	-	\$1,369	\$15,139	\$16,508
Total	-	-	-	-	\$56,125	\$620,691	\$676,816

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C07020 - Northwest Water Reclamation Plant (NWWRP) Facilities Upgrade

Project Description

Upgrade existing systems at the NWWRP to correct problems and improve operating efficiencies. Improvements include repairs to leaking air piping in the blower building, replacing the aeration blower cooling system, improvements to the stand-by generator system, upgrading aeration system control valves, and installing sun shades over the filters to control algae growth.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$2,948,921	\$3,958,487	\$6,907,408
Total	\$2,948,921	\$3,958,487	\$6,907,408

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$3,837,358	-	-	-	-	-	\$3,837,358
Direct Expenses	\$12,910	-	-	-	-	-	\$12,910
CIP Administration	\$108,219	-	-	-	-	-	\$108,219
Total	\$3,958,487	-	-	-	-	-	\$3,958,487

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10478 - Northwest Water Reclamation Plant Aeration System Improvements

Project Description

Replace existing equipment in accordance with a recommendation from Salt River Project as improvements that should result in significant energy savings.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$77,630	\$3,991,375	\$4,069,004
Total	\$77,630	\$3,991,375	\$4,069,004

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$345,555	-	-	-	-	-	\$345,555
Construction	\$1,000,000	\$2,531,532	-	-	-	-	\$3,531,532
Direct Expenses	-	\$16,508	-	-	-	-	\$16,508
CIP Administration	\$8,639	\$89,141	-	-	-	-	\$97,780
Total	\$1,354,194	\$2,637,181	-	-	-	-	\$3,991,375

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0147 - Northwest Water Reclamation Plant Equipment Replacement

Project Description

Replace process equipment as required to maintain plant operation. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$182,307	\$1,128,827	\$1,311,134
Total	\$182,307	\$1,128,827	\$1,311,134

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$127,500	\$101,760	\$103,470	\$110,718	\$107,365	\$450,338	\$1,001,151
Direct Expenses	\$10,200	\$8,141	\$8,278	\$8,857	\$8,589	\$36,027	\$80,092
CIP Administration	\$3,443	\$7,688	\$7,817	\$8,365	\$8,111	\$12,159	\$47,584
Total	\$141,143	\$117,589	\$119,564	\$127,941	\$124,066	\$498,525	\$1,128,827

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0266 - Northwest Water Reclamation Plant Filter Rehabilitation

Project Description

Rehabilitate the existing filters to extend the useful life of the system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$45,645	\$4,649,857	\$4,695,502
Total	\$45,645	\$4,649,857	\$4,695,502

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$4,494,457	-	-	-	-	-	\$4,494,457
Direct Expenses	\$42,000	-	-	-	-	-	\$42,000
CIP Administration	\$113,400	-	-	-	-	-	\$113,400
Total	\$4,649,857	-	-	-	-	-	\$4,649,857

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0384 - Northwest Water Reclamation Plant Grit Removal

Project Description

Evaluation of grit removal technologies and feasibility of installing a grit removal system at the Northwest Water Reclamation Plant. Design and construction of a grit removal system ahead of the primary equipment to improve grit removal efficiency, reduce grit in the primary sludge, reduce wear on downstream equipment.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$3,305,576	\$3,305,576
Total	-	\$3,305,576	\$3,305,576

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$254,200	-	-	-	-	-	\$254,200
Construction	-	\$2,822,123	-	-	-	-	\$2,822,123
Direct Expenses	-	\$13,126	-	-	-	-	\$13,126
CIP Administration	\$17,783	\$198,343	-	-	-	-	\$216,126
Total	\$271,983	\$3,033,593	-	-	-	-	\$3,305,576

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C06071 - Northwest Water Reclamation Plant Landscaping

Project Description

Since the Northwest Water Reclamation has expanded, there is a need to mitigate the visual impact of the plant. This project will add landscaping on the north, east, and south sides of the reclamation plant.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$338,083	\$16,612	\$354,695
Total	\$338,083	\$16,612	\$354,695

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$4,409	-	-	-	-	-	\$4,409
Construction	\$11,641	-	-	-	-	-	\$11,641
CIP Administration	\$562	-	-	-	-	-	\$562
Total	\$16,612	-	-	-	-	-	\$16,612

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0046 - Northwest Water Reclamation Plant Odor Control System Replacements

Project Description

Replace storage tanks and piping to extend the useful life of these facilities. The existing odor control facilities at the Northwest Water Reclamation Plant were installed in 2001. The expected useful life of these facilities is 10 to 15 years and leaks have been detected in both the tanks and the piping.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$161,893	\$1,660,500	\$1,822,393
Total	\$161,893	\$1,660,500	\$1,822,393

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,612,500	-	-	-	-	-	\$1,612,500
Direct Expenses	\$7,500	-	-	-	-	-	\$7,500
CIP Administration	\$40,500	-	-	-	-	-	\$40,500
Total	\$1,660,500	-	-	-	-	-	\$1,660,500

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0267 - Northwest Water Reclamation Plant Perimeter Wall

Project Description

Replace approximately 1,800 feet of wrought iron fence along the south and east sides of the Northwest Water Reclamation Plant with a Concrete Masonry Unit wall to improve plant security.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$566,029	\$93,642	\$659,671
Total	\$566,029	\$93,642	\$659,671

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$35,500	-	-	-	-	-	\$35,500
Construction	\$48,549	-	-	-	-	-	\$48,549
Direct Expenses	\$6,426	-	-	-	-	-	\$6,426
CIP Administration	\$3,167	-	-	-	-	-	\$3,167
Total	\$93,642	-	-	-	-	-	\$93,642

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

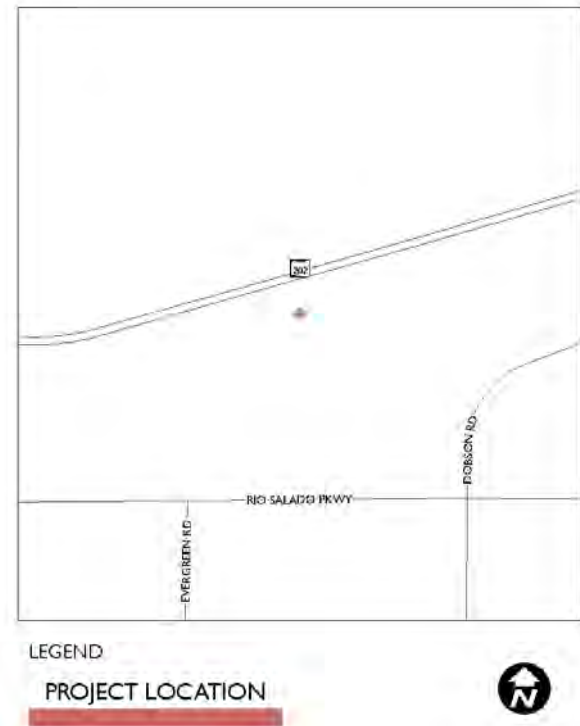
Wastewater

Project Number and Name

C10424 - Northwest Water Reclamation Plant Phosphorous Removal

Project Description

Improve the wastewater treatment process to reduce phosphorous levels in reclaimed water discharged to the Salt River.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,280,461	\$2,280,461
Total	-	\$2,280,461	\$2,280,461

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$204,208	-	\$204,208
Construction	-	-	-	-	-	\$1,870,955	\$1,870,955
Direct Expenses	-	-	-	-	-	\$149,676	\$149,676
CIP Administration	-	-	-	-	\$5,105	\$50,516	\$55,621
Total	-	-	-	-	\$209,313	\$2,071,147	\$2,280,461

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

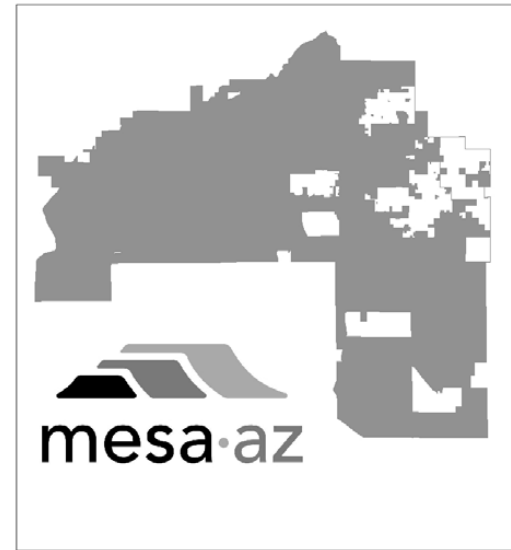
Wastewater

Project Number and Name

CP0386 - Odor Control Station Equipment Replacement

Project Description

Replace equipment that is no longer functional or has reached it's useful life at the odor control stations to maintain level of service.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$272,984	\$272,984
Total	-	\$272,984	\$272,984

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$25,000	\$25,440	\$25,867	\$26,361	\$26,841	\$112,585	\$242,095
Direct Expenses	\$2,000	\$2,035	\$2,069	\$2,109	\$2,147	\$9,007	\$19,368
CIP Administration	\$1,889	\$1,922	\$1,955	\$1,992	\$725	\$3,040	\$11,522
Total	\$28,889	\$29,397	\$29,891	\$30,462	\$29,713	\$124,631	\$272,984

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

C10282 - Pecos Road Relief Sewer, Ellsworth to Power

Project Description

Install a wastewater line along Pecos Road. These improvements will promote system reliability in the area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$5,002,072	\$5,002,072
Total	-	\$5,002,072	\$5,002,072

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$402,567	-	-	-	\$402,567
Construction	-	-	-	\$4,212,282	-	-	\$4,212,282
Direct Expenses	-	-	-	\$60,175	-	-	\$60,175
CIP Administration	-	-	\$28,162	\$298,885	-	-	\$327,047
Total	-	-	\$430,729	\$4,571,342	-	-	\$5,002,072

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

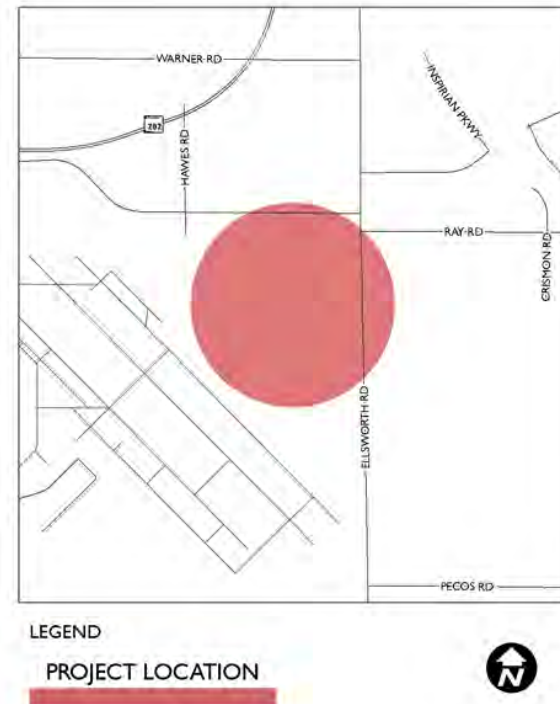
Wastewater

Project Number and Name

CP0375 - Phoenix-Mesa Gateway Airport Northeast Sewer Line (12")

Project Description

Installation of approximately 7,200 feet of 12-inch and 15-inch sewer on Gateway Blvd in Phoenix Mesa Gateway Airport to serve northeast terminal area.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,353,934	\$1,353,934
Total	-	\$1,353,934	\$1,353,934

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$177,062	-	-	-	-	\$177,062
Construction	-	-	\$1,058,116	-	-	-	\$1,058,116
Direct Expenses	-	-	\$30,232	-	-	-	\$30,232
CIP Administration	-	\$12,386	\$76,137	-	-	-	\$88,523
Total	-	\$189,449	\$1,164,485	-	-	-	\$1,353,934

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

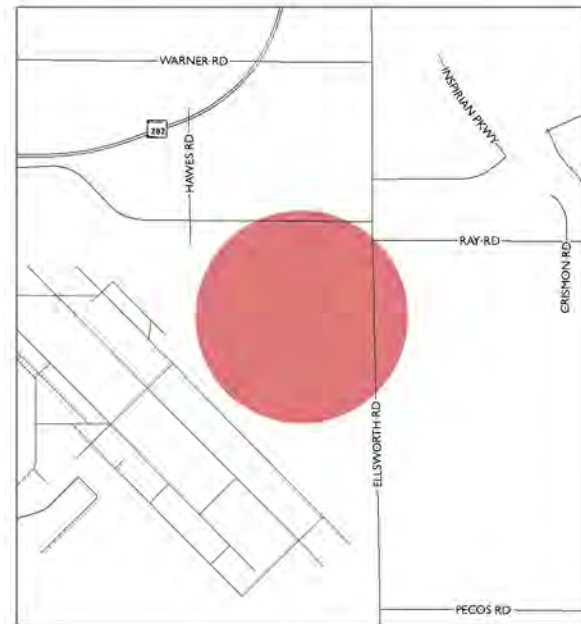
Wastewater

Project Number and Name

CP0374 - Phoenix-Mesa Gateway Airport Northeast Area
 Development Sewer Line (18")

Project Description

Install approximately 1,800 feet of 18" sewer on Gateway Blvd in
 Phoenix Mesa Gateway Airport to serve northeast terminal area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$423,131	\$423,131
Total	-	\$423,131	\$423,131

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$54,950	-	-	-	-	\$54,950
Construction	-	-	\$331,056	-	-	-	\$331,056
Direct Expenses	-	-	\$9,459	-	-	-	\$9,459
CIP Administration	-	\$3,844	\$23,821	-	-	-	\$27,665
Total	-	\$58,795	\$364,336	-	-	-	\$423,131

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0042 - Ranier Lift Station and Sulfide Control Station Rehabilitation

Project Description

Replace the existing pumps, piping, and system controls so that this facility can continue to provide an adequate level of service. The existing Ranier Lift Station was installed in 1990 and the expected useful life of such facilities is approximately 15 - 20 years. Therefore, it is anticipated that this facility will require a major rehabilitation.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$84,504	\$271,705	\$356,209
Total	\$84,504	\$271,705	\$356,209

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$2,657	-	-	-	-	-	\$2,657
Construction	\$259,860	-	-	-	-	-	\$259,860
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$9,188	-	-	-	-	-	\$9,188
Total	\$271,705	-	-	-	-	-	\$271,705

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C09005 - Rittenhouse Road Sewer: Power Road to East Maricopa Interceptor

Project Description

Install a 30-inch relief sewer between Power Road and the East Mesa Interceptor. This will provide additional capacity to the existing Pecos Rd. wastewater line serving development along the Pecos Rd. corridor between Power Rd and Meridian Rd.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$39,949	\$2,539,690	\$2,579,638
Total	\$39,949	\$2,539,690	\$2,579,638

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$29,097	\$68,167	-	-	-	-	\$97,264
Land Acquisition	-	-	-	-	-	-	-
Construction	-	\$2,245,251	-	-	-	-	\$2,245,251
Direct Expenses	-	\$32,075	-	-	-	-	\$32,075
CIP Administration	\$1,018	\$164,082	-	-	-	-	\$165,100
Total	\$30,115	\$2,509,575	-	-	-	-	\$2,539,690

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

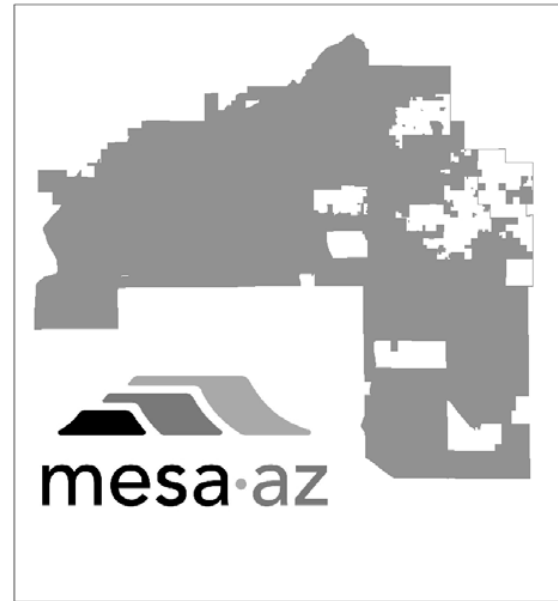
Wastewater

Project Number and Name

CP0149 - Sewer Line Extensions to Unsewered Areas

Project Description

Extend the wastewater collection system to serve areas currently served by on-site septic systems.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$5,374,315	\$5,374,315
Total	-	\$5,374,315	\$5,374,315

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$50,000	\$50,880	\$51,735	\$52,723	\$53,683	\$225,169	\$484,189
Construction	\$467,950	\$476,186	\$484,186	\$493,434	\$502,415	\$2,031,562	\$4,455,732
Direct Expenses	\$13,433	\$13,669	\$13,899	\$14,165	\$14,422	\$136,290	\$205,879
CIP Administration	\$13,285	\$37,828	\$38,464	\$39,198	\$39,912	\$59,827	\$228,515
Total	\$544,668	\$578,564	\$588,284	\$599,519	\$610,431	\$2,452,849	\$5,374,315

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

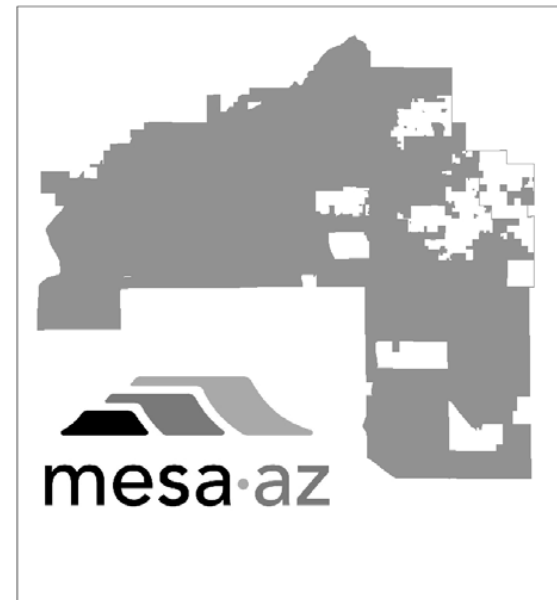
Wastewater

Project Number and Name

CP0383 - Sewer Line Rehabilitation

Project Description

Rehabilitate and/or replace aging infrastructure in the wastewater collection system to maintain level of service. This includes sewer lines and related facilities (e.g. manholes and diversion structures) based on information provided from the wastewater asset management program and construct required improvements.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$28,095,156	\$28,095,156
Total	-	\$28,095,156	\$28,095,156

City Wide

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,050,000	\$1,068,480	\$3,259,292	\$3,321,543	\$3,381,998	\$14,185,660	\$26,266,972
Direct Expenses	\$30,000	\$30,528	\$93,123	\$94,901	\$96,629	\$405,305	\$750,485
CIP Administration	\$75,553	\$76,883	\$234,522	\$239,001	\$86,966	\$364,774	\$1,077,699
Total	\$1,155,553	\$1,175,891	\$3,586,937	\$3,655,445	\$3,565,592	\$14,955,738	\$28,095,156

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0142 - Small Wastewater Line Repair/Replacement

Project Description

Replace and/or extend sewer lines throughout the City. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$45,931	\$9,891,313	\$9,937,245
Total	\$45,931	\$9,891,313	\$9,937,245

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$60,000	\$61,056	\$62,082	\$63,267	\$64,419	\$270,203	\$581,027
Construction	\$850,000	\$864,960	\$879,492	\$896,289	\$912,603	\$3,827,876	\$8,231,220
Direct Expenses	\$68,000	\$69,197	\$70,359	\$71,703	\$73,008	\$306,230	\$658,498
CIP Administration	\$24,450	\$69,621	\$70,791	\$72,143	\$73,456	\$110,108	\$420,568
Total	\$1,002,450	\$1,064,834	\$1,082,723	\$1,103,403	\$1,123,486	\$4,514,417	\$9,891,313

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0327 - Small Wastewater Line Repair/Replacement

Project Description

Replace or repair small wastewater lines citywide that are found to have severe defectives that could lead to potential failure. This work is typically associated with other projects such as roadway improvements and/or water line/gas line replacements.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$64,982	\$64,902	\$129,884
Total	\$64,982	\$64,902	\$129,884

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$62,707	-	-	-	-	-	\$62,707
CIP Administration	\$2,195	-	-	-	-	-	\$2,195
Total	\$64,902	-	-	-	-	-	\$64,902

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C05009 - Southeast Water Reclamation Plant Disinfection

Project Description

Replace the existing ultraviolet disinfection system with a more reliable, energy efficient, chlorine-based system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$2,831,559	\$385,000	\$3,216,559
Total	\$2,831,559	\$385,000	\$3,216,559

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$24,205	-	-	-	-	-	\$24,205
Construction	\$342,474	-	-	-	-	-	\$342,474
CIP Administration	\$18,321	-	-	-	-	-	\$18,321
Total	\$385,000	-	-	-	-	-	\$385,000

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0146 - Southeast Water Reclamation Plant Equipment Replacement

Project Description

Replace process equipment as required to maintain plant operation. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$81,007	\$1,242,480	\$1,323,487
Total	\$81,007	\$1,242,480	\$1,323,487

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$100,000	\$101,760	\$212,113	\$105,446	\$107,365	\$485,363	\$1,112,046
Direct Expenses	\$8,000	\$8,141	\$16,969	\$8,436	\$8,589	\$37,808	\$87,943
CIP Administration	\$2,700	\$7,688	\$16,025	\$7,966	\$8,111	-	\$42,491
Total	\$110,700	\$117,589	\$245,107	\$121,848	\$124,066	\$523,171	\$1,242,480

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0381 - Southeast Water Reclamation Plant Filter Rehab (Tertiary Filter #1 Replacement)

Project Description

Replace failing underdrain system and filter media in Filter #1 . Upgrade the components in the three filter control panels to meet current City specifications. Install a Programmable Logic Controller (PLC) in each control panel, replace the existing Volt filter backwash pumps and rewire the existing drive motor for 208 Volts.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$641	\$2,228,707	\$2,229,348
Total	\$641	\$2,228,707	\$2,229,348

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$2,154,215	-	-	-	-	-	\$2,154,215
Direct Expenses	\$20,133	-	-	-	-	-	\$20,133
CIP Administration	\$54,359	-	-	-	-	-	\$54,359
Total	\$2,228,707	-	-	-	-	-	\$2,228,707

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Wastewater

Project Number and Name

CP0203 - Southeast Water Reclamation Plant Grit Removal Facilities

Project Description

Install a grit removal system ahead of the primary equipment to improve grit removal efficiency, reduce grit in the primary sludge, reduce wear on downstream equipment, and reduce or eliminate clogging of the primary sludge lines.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$52,641	\$2,722,698	\$2,775,339
Total	\$52,641	\$2,722,698	\$2,775,339

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$2,631,696	-	-	-	-	-	\$2,631,696
Direct Expenses	\$24,595	-	-	-	-	-	\$24,595
CIP Administration	\$66,407	-	-	-	-	-	\$66,407
Total	\$2,722,698	-	-	-	-	-	\$2,722,698

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C05010 - Southeast Water Reclamation Plant Improvements

Project Description

Improve the ability to measure and control flows into and out of the plant and replace antiquated electrical equipment in the plant.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$372,300	\$4,398,573	\$4,770,873
Total	\$372,300	\$4,398,573	\$4,770,873

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$35,459	-	-	-	-	-	\$35,459
Construction	\$4,225,358	-	-	-	-	-	\$4,225,358
Direct Expenses	\$14,221	-	-	-	-	-	\$14,221
CIP Administration	\$123,535	-	-	-	-	-	\$123,535
Total	\$4,398,573	-	-	-	-	-	\$4,398,573

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0380 - Southeast Water Reclamation Plant Maintenance Building

Project Description

The old chlorination building will be converted into a maintenance shop. This project will modify the electrical system in existing chlorination building to enable the existing shop equipment to be relocated to this building. It will also expand the locker room and shower facilities in the existing Maintenance Administration building into a portion of the space previously occupied by the shop.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$272,650	\$272,650
Total	-	\$272,650	\$272,650

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$50,000	-	-	-	-	-	\$50,000
Construction	\$214,000	-	-	-	-	-	\$214,000
Direct Expenses	\$2,000	-	-	-	-	-	\$2,000
CIP Administration	\$6,650	-	-	-	-	-	\$6,650
Total	\$272,650	-	-	-	-	-	\$272,650

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10582 - Southern Avenue Metering Station Electrical Rehab

Project Description

Replace corroded equipment to extend the useful life of this facility. The Southern Avenue Metering Station was installed in 1964 and the electrical conduit, fixtures, and panels within the structure have corroded due to sewer gasses.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$17,440	\$70,806	\$88,246
Total	\$17,440	\$70,806	\$88,246

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$8,545	-	-	-	-	-	\$8,545
Construction	\$59,573	-	-	-	-	-	\$59,573
CIP Administration	\$2,688	-	-	-	-	-	\$2,688
Total	\$70,806	-	-	-	-	-	\$70,806

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0389 - Star Valley Lift Station/Sulfide Control Station

Project Description

Replacement of existing chemical storage tanks, pumps and piping.
 Replacement of existing submersible sewage pumps and motors and replacement existing electrical equipment and controls in order to maintain adequate levels of service and bring the facility into conformance with current City design standards and specifications



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,330,919	\$1,330,919
Total	-	\$1,330,919	\$1,330,919

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$84,358	-	-	\$84,358
Construction	-	-	-	-	\$1,073,650	-	\$1,073,650
Direct Expenses	-	-	-	-	\$85,892	-	\$85,892
CIP Administration	-	-	-	\$5,902	\$81,117	-	\$87,019
Total	-	-	-	\$90,259	\$1,240,659	-	\$1,330,919

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

CP0044 - Vanguard Lift Station and Sulfide Control Station Rehabilitation

Project Description

Replace the existing pumps, storage tanks, piping, and system controls so that this facility can continue to provide adequate level of service. The existing Vanguard Lift Station and Sulfide Control Station was installed in 1992 and the expected useful life of such facilities is approximately 15 - 20 years. Therefore, it is anticipated that this facility would have required a major rehabilitation by 2012.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$332,283	\$332,283
Total	-	\$332,283	\$332,283

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$30,450	-	-	-	-	-	\$30,450
Construction	\$287,370	-	-	-	-	-	\$287,370
Direct Expenses	\$6,359	-	-	-	-	-	\$6,359
CIP Administration	\$8,104	-	-	-	-	-	\$8,104
Total	\$332,283	-	-	-	-	-	\$332,283

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C05007 - Warner Lift Station Modifications

Project Description

Install a new force main to the East Mesa Interceptor (EMI) and replace the existing pumps which will considerably reduce the operating cost of this lift station.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$1,831	\$707,457	\$709,288
Water Bond Construction	\$351	-	\$351
Total	\$2,182	\$707,457	\$709,639

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$40,080	-	-	-	-	-	\$40,080
Construction	\$606,000	-	-	-	-	-	\$606,000
Direct Expenses	\$45,225	-	-	-	-	-	\$45,225
CIP Administration	\$16,152	-	-	-	-	-	\$16,152
Total	\$707,457	-	-	-	-	-	\$707,457

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

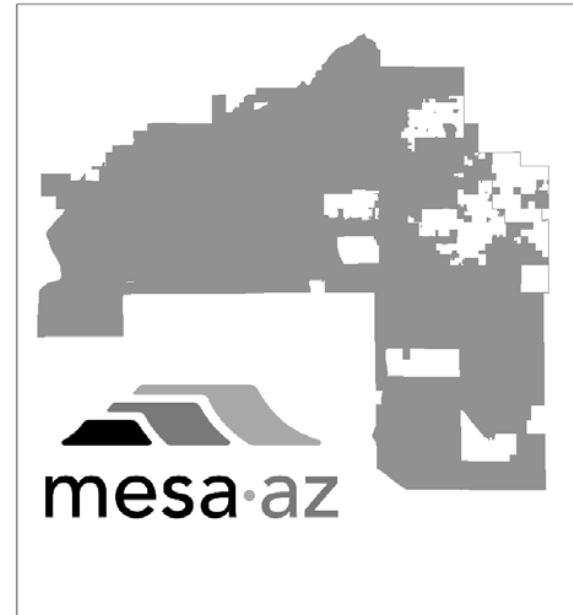
Wastewater

Project Number and Name

CP0148 - Wastewater Asset Management

Project Description

Purchase and install a wastewater asset management system. This system will provide accurate and efficient methods to track condition assessment, repair, replacement and maintenance history of wells, pumps, motors, electrical components and reservoirs.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$640,036	\$4,100,102	\$4,740,138
Total	\$640,036	\$4,100,102	\$4,740,138

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$405,396	\$412,531	\$419,462	\$427,473	\$435,253	\$1,825,654	\$3,925,769
CIP Administration	\$10,135	\$28,859	\$29,344	\$29,904	\$30,449	\$45,642	\$174,333
Total	\$415,531	\$441,390	\$448,806	\$457,377	\$465,702	\$1,871,296	\$4,100,102

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

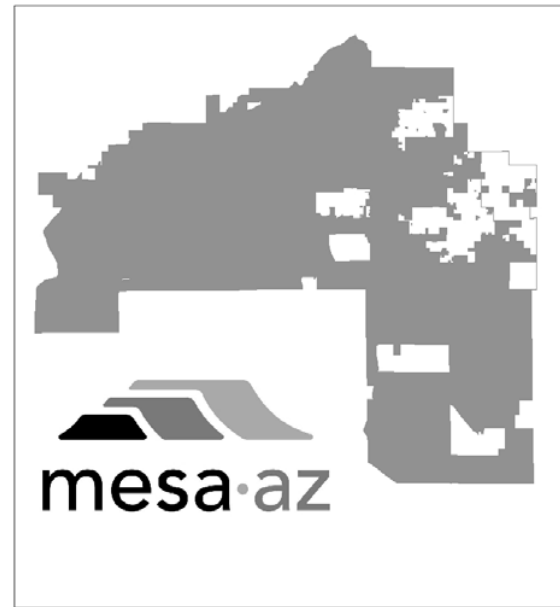
Wastewater

Project Number and Name

CP0140 - Wastewater Manhole Rehabilitation

Project Description

Rehabilitate wastewater manholes throughout the City. Sewer gases are very corrosive and can destroy a manhole. This degradation can take years, but the destruction of the manhole will occur if measures are not undertaken for prevention. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Utility Replacement Extension and Renewal	-	\$7,590,959	\$7,590,959
Wastewater Bond Construction	\$810,843	-	\$810,843
Total	\$810,843	\$7,590,959	\$8,401,802

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$29,024	\$29,535	\$30,031	\$30,605	\$31,162	\$116,983	\$267,339
Construction	\$717,052	\$696,718	\$708,423	\$721,954	\$735,094	\$3,083,323	\$6,662,564
Direct Expenses	\$4,750	\$4,834	\$4,915	\$5,009	\$5,100	\$180,848	\$205,455
CIP Administration	\$18,008	\$51,279	\$52,140	\$53,136	\$54,103	\$226,935	\$455,601
Total	\$768,834	\$782,365	\$795,509	\$810,703	\$825,459	\$3,608,088	\$7,590,959

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

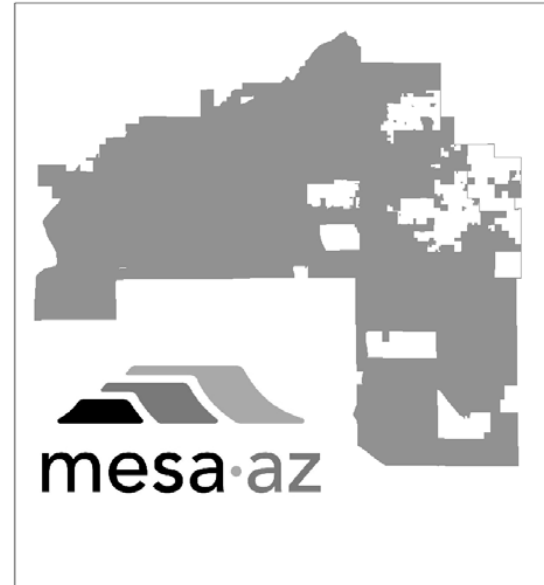
Wastewater

Project Number and Name

CP0143 - Wastewater Extensions And Main Enlargement

Project Description

Construct wastewater extensions and oversized mains due to development. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$1,509,831	\$1,509,831
Total	-	\$1,509,831	\$1,509,831

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$150,000	\$152,640	\$155,204	\$158,169	\$161,048	\$675,508	\$1,452,568
Installation	-	-	-	-	-	-	-
CIP Administration	\$3,750	\$10,678	\$10,857	\$11,064	\$4,026	\$16,888	\$57,263
Total	\$153,750	\$163,318	\$166,061	\$169,233	\$165,074	\$692,395	\$1,509,831

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

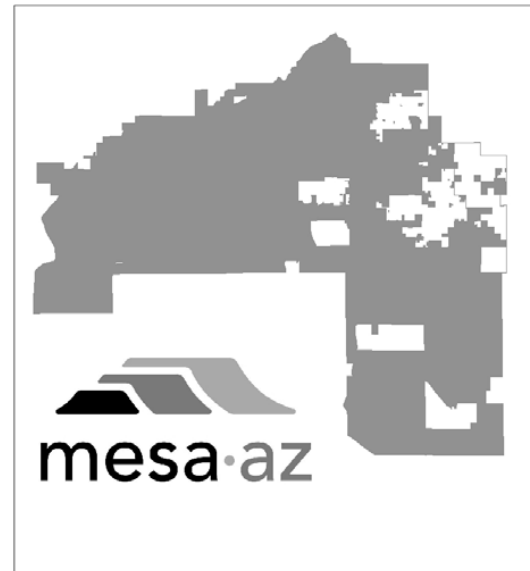
Wastewater

Project Number and Name

CP0150 - Wastewater Compliance Lab Equipment Replacement

Project Description

Replace test instruments and laboratory equipment when they reach their useful life.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$27,288	\$435,219	\$462,507
Total	\$27,288	\$435,219	\$462,507

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$10,800	-	-	-	-	\$381,878	\$392,678
Direct Expenses	\$864	-	-	-	-	\$30,550	\$31,414
CIP Administration	\$816	-	-	-	-	\$10,310	\$11,126
Total	\$12,480	-	-	-	-	\$422,739	\$435,219

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Wastewater

Project Number and Name

C10425 - Williams Field Road Sewer: Ellsworth to Mountain

Project Description

Install 13,200 feet of 10-inch to 18-inch wastewater line along Williams Field Road between Ellsworth Road and Mountain Road to serve development in southeast Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$2,602,768	\$2,602,768
Total	-	\$2,602,768	\$2,602,768

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	\$2,534,610	-	-	-	-	\$2,534,610
Direct Expenses	-	\$60,166	-	-	-	-	\$60,166
CIP Administration	-	\$7,993	-	-	-	-	\$7,993
Total	-	\$2,602,768	-	-	-	-	\$2,602,768

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0252 - New Waterline at Grand Canyon Drive and Silver Street

Project Description

Install new 12-inch water line at the Phoenix-Mesa Gateway Airport.
 This infrastructure is part of Northeast Area Development Plan.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$566,560	\$566,560
Water Bond Construction	-	\$508,406	\$508,406
Total	-	\$1,074,965	\$1,074,965

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$73,463	\$71,703	-	-	\$145,167
Construction	-	-	-	\$851,882	-	-	\$851,882
Direct Expenses	-	-	-	\$16,753	-	-	\$16,753
CIP Administration	-	-	\$5,139	\$56,024	-	-	\$61,164
Total	-	-	\$78,603	\$996,363	-	-	\$1,074,965

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

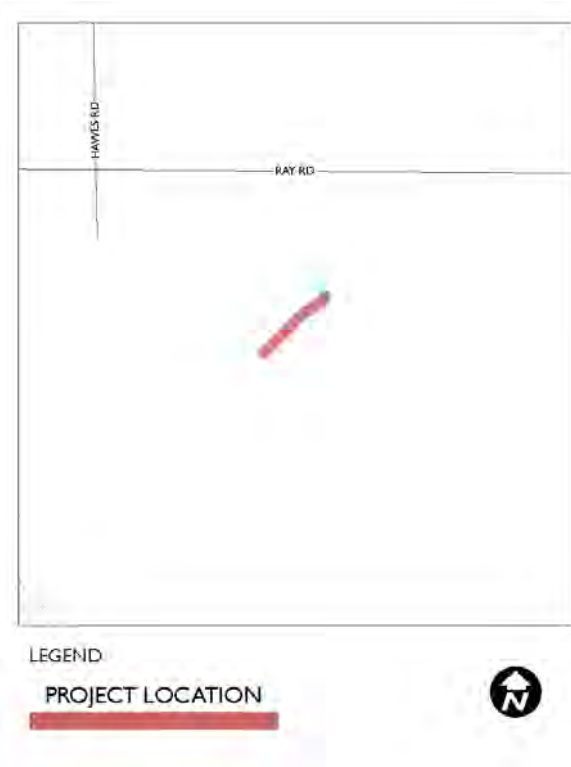
Water

Project Number and Name

CP0254 - New Waterline at Mustang Street

Project Description

Install new 12-inch water line at the Phoenix-Mesa Gateway Airport.
 This infrastructure is part of Northeast Area Development Plan.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$418,018	\$418,018
Water Bond Construction	-	\$516,368	\$516,368
Total	-	\$934,386	\$934,386

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$126,535	-	-	\$126,535
Construction	-	-	-	-	\$742,457	-	\$742,457
Direct Expenses	-	-	-	-	\$13,489	-	\$13,489
CIP Administration	-	-	-	\$7,419	\$44,486	-	\$51,905
Total	-	-	-	\$133,954	\$800,432	-	\$934,386

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0253 - New Waterline at Southeast Loop Road

Project Description

Install a new 12-inch water line at the Phoenix-Mesa Gateway Airport. This infrastructure is part of Northeast Area Development Plan.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$670,334	\$670,334
Water Bond Construction	-	\$389,710	\$389,710
Total	-	\$1,060,044	\$1,060,044

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$84,461	\$33,957	-	-	-	\$118,417
Construction	-	-	\$503,706	\$333,841	-	-	\$837,547
Direct Expenses	-	-	\$38,378	\$3,338	-	-	\$41,716
CIP Administration	-	\$5,908	\$39,607	\$16,848	-	-	\$62,363
Total	-	\$90,369	\$615,647	\$354,028	-	-	\$1,060,044

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0245 - Well Collection Line at Crismon Road

Project Description

Install approximately 2,640 linear feet of 20-inch diameter pipe along or near the Crismon Road alignment from Williams Field Road to the south to convey groundwater from the above well sites. This infrastructure is needed to support regional water demands.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,302,484	\$1,302,484
Total	-	\$1,302,484	\$1,302,484

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$71,013	-	-	-	\$71,013
Construction	-	-	-	\$1,157,906	-	-	\$1,157,906
Direct Expenses	-	-	-	\$11,579	-	-	\$11,579
CIP Administration	-	-	\$3,548	\$58,438	-	-	\$61,986
Total	-	-	\$74,561	\$1,227,923	-	-	\$1,302,484

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0244 - Well Collection Line at Pecos Road

Project Description

Install approximately 2,640 linear feet of 24-inch diameter pipe along or near the Crismon Road alignment from Pecos Road to the north to convey groundwater from the above well site. This infrastructure is needed to support regional water demands.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,302,484	\$1,302,484
Total	-	\$1,302,484	\$1,302,484

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$71,013	-	-	-	\$71,013
Construction	-	-	-	\$1,157,906	-	-	\$1,157,906
Direct Expenses	-	-	-	\$11,579	-	-	\$11,579
CIP Administration	-	-	\$3,548	\$58,438	-	-	\$61,986
Total	-	-	\$74,561	\$1,227,923	-	-	\$1,302,484

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

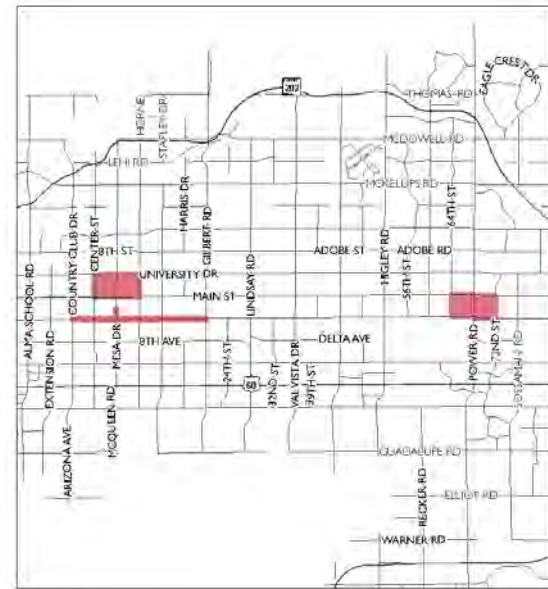
Water

Project Number and Name

C04046 - Aging Water Infrastructure

Project Description

Replace smaller, less efficient waterlines. Several small diameter lines were installed throughout the city in the 1970's that have a history of breaking. Many of these lines were installed by small individual water districts or golf course developments and are currently not up to City standards.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$1,806,054	\$1,806,054
Wastewater Bond Construction	-	\$1,506,483	\$1,506,483
Water Bond Construction	-	\$9,371,398	\$9,371,398
Total	-	\$12,683,935	\$12,683,935

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	\$693,842	\$693,842
Construction	-	-	-	\$2,369,417	\$2,412,542	\$6,592,981	\$11,374,940
Direct Expenses	-	-	-	\$23,694	\$24,125	\$140,317	\$188,136
CIP Administration	-	-	-	\$119,581	\$121,757	\$185,679	\$427,017
Total	-	-	-	\$2,512,691	\$2,558,424	\$7,612,819	\$12,683,935

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

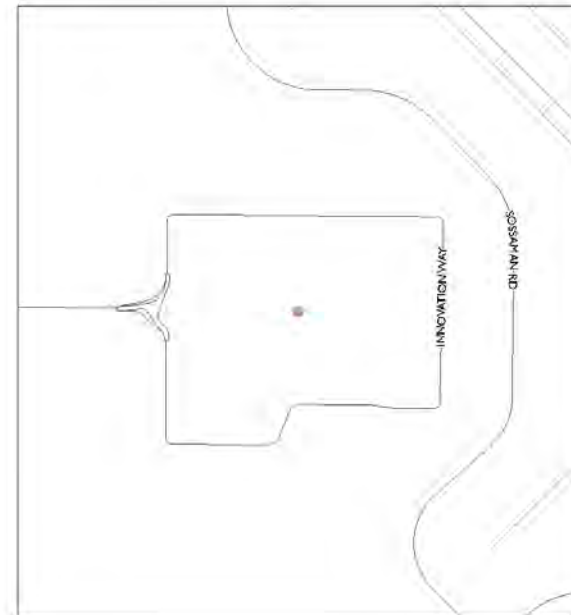
Water

Project Number and Name

C06010 - Water and Wastewater Improvements for ASU Polytechnic - Phase II and III

Project Description

Provide necessary water and wastewater infrastructure improvements to handle project flows from the ASU Polytechnic Campus and to maintain service reliability in the area. Additionally, the City will provide water and wastewater mains to handle flow requirements from anticipated development on the campus. Most of the utility infrastructure in the area was installed in the late 1940's.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Streets Bond Construction	(\$33,096)	-	(\$33,096)
Wastewater Bond Construction	\$9,759	\$2,018,145	\$2,027,904
Water Bond Construction	\$40,191	\$791,884	\$832,075
Total	\$16,854	\$2,810,029	\$2,826,883

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$2,587,997	-	-	-	-	-	\$2,587,997
Direct Expenses	\$153,495	-	-	-	-	-	\$153,495
CIP Administration	\$68,537	-	-	-	-	-	\$68,537
Total	\$2,810,029	-	-	-	-	-	\$2,810,029

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0227 - Brooks Reservoir Roof Replacement

Project Description

Review of the reservoir roof revealed corrosion. The roof and a major portion of the support structure must be replaced and strengthened.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$993,241	\$993,241
Total	-	\$993,241	\$993,241

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$85,892	-	\$85,892
Construction	-	-	-	-	-	\$874,380	\$874,380
Direct Expenses	-	-	-	-	-	\$8,744	\$8,744
CIP Administration	-	-	-	-	\$2,147	\$22,078	\$24,225
Total	-	-	-	-	\$88,039	\$905,202	\$993,241

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C07011 - Brown Road Water Treatment Plant Misc. Improvements

Project Description

Various improvements to decrease plant failure rates. Known issues include unreliable operation of the chlorine feed system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$83,822	\$7,128,863	\$7,212,685
Total	\$83,822	\$7,128,863	\$7,212,685

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$30,500	\$50,880	-	-	\$25,768	\$212,002	\$319,150
Construction	\$1,366,000	\$803,904	\$646,685	-	\$193,257	\$3,489,716	\$6,499,562
Purchases	-	-	-	-	-	-	-
Direct Expenses	\$13,660	\$8,039	\$6,467	-	\$1,933	\$34,897	\$64,996
CIP Administration	\$70,464	\$43,115	\$32,637	-	\$5,524	\$93,416	\$245,156
Total	\$1,480,624	\$905,938	\$685,789	-	\$226,481	\$3,830,031	\$7,128,863

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0034 - Brown Road Water Treatment Plant Pump Station Surge Mitigation

Project Description

Conduct a surge analysis to ensure recent capacity additions are not causing pressure issues. The finished water pumping station at the plant was upgraded in 2011. As part of that upgrade it was recommended by the design engineer to perform a surge analysis to ensure that the additional pump capacity was not causing problems upon pump start and stop.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$264,978	\$3,417,314	\$3,682,292
Total	\$264,978	\$3,417,314	\$3,682,292

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$326,794	-	-	-	-	-	\$326,794
Construction	\$2,974,959	-	-	-	-	-	\$2,974,959
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$115,561	-	-	-	-	-	\$115,561
Reimbursement	-	-	-	-	-	-	-
Total	\$3,417,314	-	-	-	-	-	\$3,417,314

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

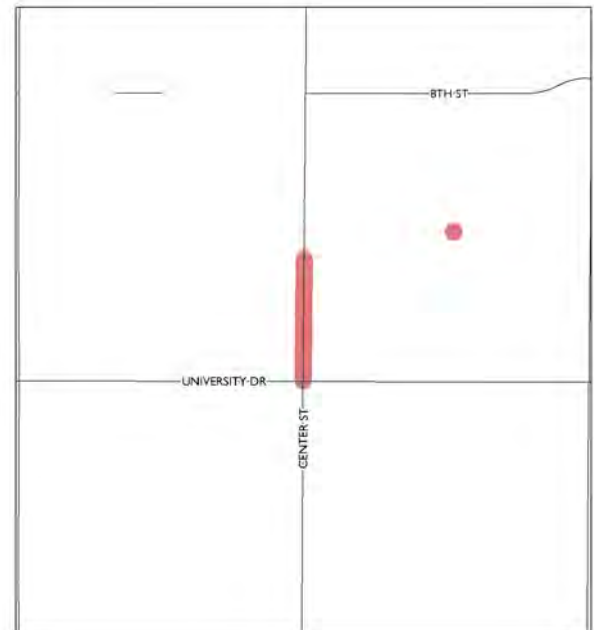
Water

Project Number and Name

C10414 - Waterline Replacement: Center Street- University to 9th Place

Project Description

This project involves the replacement of existing waterlines that have reached the end of their useful life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	-	\$152,780	\$152,780
Water Bond Construction	-	\$778,064	\$778,064
Total	-	\$930,844	\$930,844

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$84,468	-	-	-	-	\$84,468
Construction	-	-	\$789,156	-	-	-	\$789,156
Direct Expenses	-	-	\$16,465	-	-	-	\$16,465
CIP Administration	-	\$3,907	\$36,848	-	-	-	\$40,754
Total	-	\$88,374	\$842,469	-	-	-	\$930,844

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0020 - City Well #10 Collection Pipeline

Project Description

Extend a new discharge water main up to City Well 10 to increase well production and water pressures in the area.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$6,282	\$201,916	\$208,198
Total	\$6,282	\$201,916	\$208,198

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$29,250	-	-	-	-	-	\$29,250
Construction	\$165,500	-	-	-	-	-	\$165,500
CIP Administration	\$7,166	-	-	-	-	-	\$7,166
Total	\$201,916	-	-	-	-	-	\$201,916

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0025 - City Well #13 Re-drill

Project Description

Existing well (drilled in 1961) and well casing has reached the end of its expected 50 year life span. Phase 1 will be to redrill the well. Phase 2 will be to provide new equipment at the well including new electrical service, new electrical and instrument components, new pump and motor. This well is critical to meeting City zone demands during yearly SRP canal outages and Val Vista Treatment Plant outages.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,720,040	\$2,720,040
Total	-	\$2,720,040	\$2,720,040

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$52,723	\$111,093	-	\$163,816
Construction	-	-	-	-	\$1,176,912	\$1,249,270	\$2,426,182
CIP Administration	-	-	-	\$2,634	\$64,360	\$63,048	\$130,042
Total	-	-	-	\$55,357	\$1,352,364	\$1,312,319	\$2,720,040

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0030 - City Well #14 Re-drill

Project Description

Re-drill the well next to its current location. City Well #14 was drilled in 1964 and is at the end of its useful service life.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$236,923	\$59,235	\$296,158
Total	\$236,923	\$59,235	\$296,158

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$6,721	-	-	-	-	-	\$6,721
Construction	\$50,511	-	-	-	-	-	\$50,511
CIP Administration	\$2,003	-	-	-	-	-	\$2,003
Total	\$59,235	-	-	-	-	-	\$59,235

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10474 - City Well #7 Re-drill

Project Description

Re-drill the well in a new location. City Well #7 was drilled in 1953 and is at the end of its useful service life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$9,681	\$2,283,417	\$2,293,098
Total	\$9,681	\$2,283,417	\$2,293,098

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$50,000	-	-	-	-	-	\$50,000
Construction	\$950,000	\$1,163,117	-	-	-	-	\$2,113,117
Direct Expenses	-	\$11,631	-	-	-	-	\$11,631
CIP Administration	\$49,969	\$58,700	-	-	-	-	\$108,669
Total	\$1,049,969	\$1,233,448	-	-	-	-	\$2,283,417

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0031 - City Well #8 Re-drill

Project Description

Re-drill the well next to its current location. City Well #8 was drilled in 1953 and is at the end of its useful service life.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Fund Totals
Water Bond Construction	-	\$2,493,043
Total	-	\$2,493,043

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$103,472	-	-	-	-	-	\$103,472
Construction	\$1,096,178	\$1,163,117	-	-	-	-	\$2,259,295
Direct Expenses	-	\$11,631	-	-	-	-	\$11,631
CIP Administration	\$59,945	\$58,700	-	-	-	-	\$118,645
Total	\$1,259,595	\$1,233,448	-	-	-	-	\$2,493,043

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

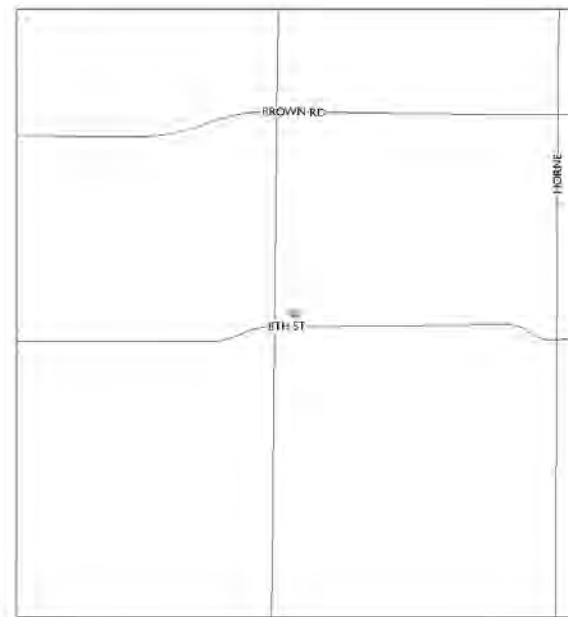
Water

Project Number and Name

CP0032 - City Well #9 Re-drill

Project Description

Re-drill the well next to its current location. City Well #9 was drilled in 1956 and is at the end of its useful service life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,566,032	\$2,566,032
Total	-	\$2,566,032	\$2,566,032

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$51,735	\$56,384	-	-	\$108,119
Construction	-	-	-	\$1,155,874	\$1,227,182	-	\$2,383,056
Direct Expenses	-	-	-	-	\$12,272	-	\$12,272
CIP Administration	-	-	\$1,293	\$30,306	\$30,987	-	\$62,586
Total	-	-	\$53,028	\$1,242,564	\$1,270,440	-	\$2,566,032

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

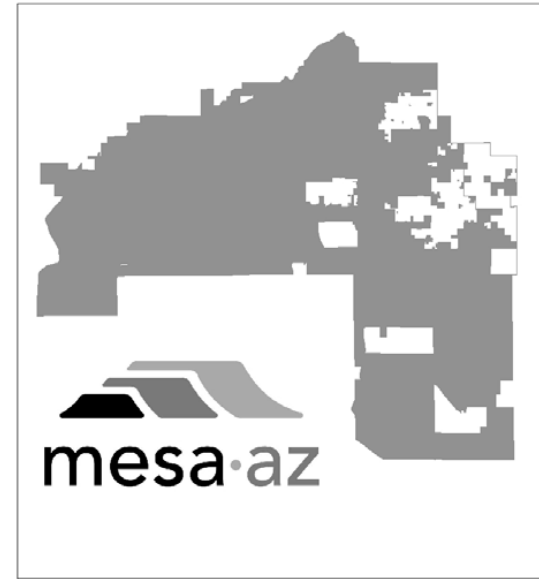
Water

Project Number and Name

CP0362 - Corrosion Protection for Steel Reservoirs

Project Description

Corrosion protection equipment at 7 of the 9 steel reservoirs is operating below National Association of Corrosion Engineers (NACE) and American Water Works Association (AWWA) standards. Multiple systems must be replaced to ensure that the steel reservoirs function properly.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$74,233	\$74,233
Total	-	\$74,233	\$74,233

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$70,000	-	-	-	-	-	\$70,000
Direct Expenses	\$700	-	-	-	-	-	\$700
CIP Administration	\$3,533	-	-	-	-	-	\$3,533
Total	\$74,233	-	-	-	-	-	\$74,233

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10577 - County Line Pump Station 2 Upgrades

Project Description

Remove an existing reservoir and convert the suction line from a Desert Wells line to a Desert Sage line in order to reduce the lift requirements of the station and improve water quality by reducing water age and improve capacity.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$3,035,192	\$300,000	\$3,335,192
Total	\$3,035,192	\$300,000	\$3,335,192

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$282,256	-	-	-	-	-	\$282,256
CIP Administration	\$17,744	-	-	-	-	-	\$17,744
Total	\$300,000	-	-	-	-	-	\$300,000

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10404 - Crismon Well Collection Line: Elliot South to DMB Well #1

Project Description

This project involves construction of a 24-inch diameter well collection line along the Crismon Road alignment from Elliot Road south to DMB Well #1. This dedicated well collection line will allow for the conveyance of groundwater directly from well site.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,313,666	\$1,313,666
Total	-	\$1,313,666	\$1,313,666

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$75,361	-	\$75,361
Construction	-	-	-	-	\$1,194,321	-	\$1,194,321
Direct Expenses	-	-	-	-	\$11,943	-	\$11,943
CIP Administration	-	-	-	-	\$32,041	-	\$32,041
Total	-	-	-	-	\$1,313,666	-	\$1,313,666

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10405 - Crismon Well Collection Line: Half Mile South to Warner

Project Description

Construct a dedicated well collection line to allow for conveyance of groundwater directly from well site. These improvements provide needed capacity to maintain water levels during periods of peak demands.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,335,920	\$1,335,920
Total	-	\$1,335,920	\$1,335,920

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$75,361	-	\$75,361
Construction	-	-	-	-	-	\$1,215,818	\$1,215,818
Direct Expenses	-	-	-	-	-	\$12,158	\$12,158
CIP Administration	-	-	-	-	\$1,884	\$30,699	\$32,584
Total	-	-	-	-	\$77,245	\$1,258,675	\$1,335,920

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

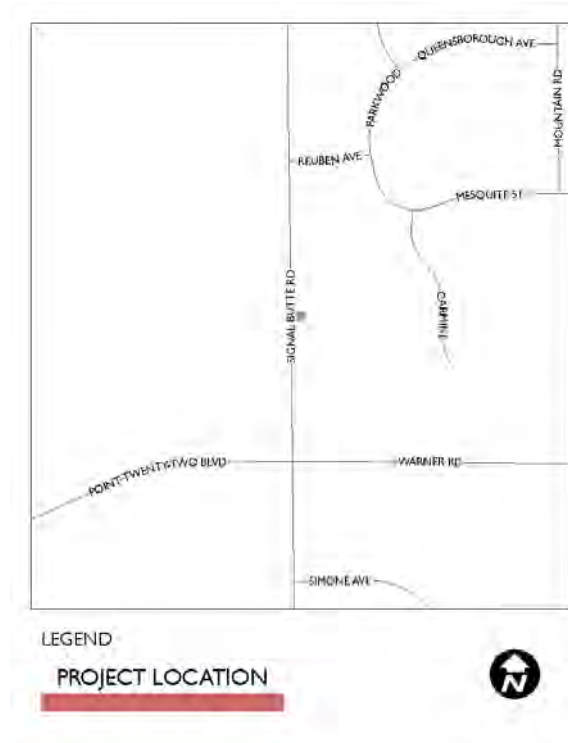
Water

Project Number and Name

C03080 - Desert Well #18 Equip

Project Description

Acquire, drill, and equip a new well site to augment the surface water supply. The Falcon Field reservoir #1 cannot be kept full and the flow rate from the Central Arizona Project reservoir to the Falcon Field zone is limited by existing infrastructure.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$102,042	\$1,219,964	\$1,322,006
Total	\$102,042	\$1,219,964	\$1,322,006

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$66,232	-	-	-	-	-	\$66,232
Construction	-	\$1,084,662	-	-	-	-	\$1,084,662
Direct Expenses	-	\$11,011	-	-	-	-	\$11,011
CIP Administration	\$3,310	\$54,749	-	-	-	-	\$58,059
Total	\$69,542	\$1,150,422	-	-	-	-	\$1,219,964

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C05032 - Backup Desert Well #19

Project Description

Provide a backup water supply for Desert Well #19, located at Signal Butte Road, south of Elliot in the event of CAP canal outages and peaking reliability in the Southeast area of Mesa. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,432,920	\$2,432,920
Total	-	\$2,432,920	\$2,432,920

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$56,944	-	-	-	-	-	\$56,944
Construction	\$1,096,178	\$1,141,635	-	-	-	-	\$2,237,813
Direct Expenses	\$10,962	\$11,416	-	-	-	-	\$22,378
CIP Administration	\$58,168	\$57,617	-	-	-	-	\$115,785
Total	\$1,222,252	\$1,210,668	-	-	-	-	\$2,432,920

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C05033 - Desert Well #20 Drill and Equip

Project Description

Provide a backup water supply for Desert Well #20. The 2004 Water Master Plan identified the need for adding six new wells that would feed into the new South Central Arizona Project reservoir and pump stations.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,572,538	\$2,572,538
Total	-	\$2,572,538	\$2,572,538

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$54,413	\$55,327	-	-	-	\$109,740
Construction	-	-	\$1,134,211	\$1,182,986	-	-	\$2,317,197
Direct Expenses	-	-	\$11,342	\$11,830	-	-	\$23,172
CIP Administration	-	\$2,719	\$60,006	\$59,703	-	-	\$122,429
Total	-	\$57,132	\$1,260,887	\$1,254,519	-	-	\$2,572,538

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0234 - New Groundwater Wells

Project Description

The 2012 Water Master Plan Update identified the need for several additional wells to supply groundwater to the Desert Wells Groundwater Facility (DWGWF) in southeast Mesa. The groundwater supply is needed to supply regional demands during future Central Arizona Project (CAP) canal dry-ups.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,685,458	\$1,685,458
Total	-	\$1,685,458	\$1,685,458

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	\$138,525	\$138,525
Land Acquisition	-	-	-	-	\$268,413	-	\$268,413
Construction	-	-	-	-	-	\$1,243,958	\$1,243,958
CIP Administration	-	-	-	-	-	\$34,562	\$34,562
Total	-	-	-	-	\$268,413	\$1,417,046	\$1,685,458

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

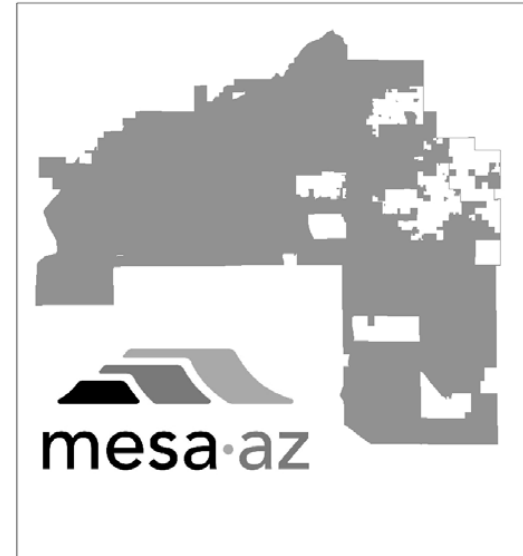
Water

Project Number and Name

CP0053 - Desert Wells Ground Water Facilities

Project Description

Land acquisition and designs needed to expedite the implementation of various plans within the Water Master Plan including the creation of ground water staging areas required for maintaining the water system.



City Wide

Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$4,746,674	\$4,746,674
Total	-	\$4,746,674	\$4,746,674

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	\$638,914	\$638,914
Land Acquisition	\$500,000	-	-	-	-	-	\$500,000
Construction	-	-	-	-	-	\$3,445,354	\$3,445,354
Direct Expenses	-	-	-	-	-	\$34,454	\$34,454
CIP Administration	\$24,984	-	-	-	-	\$102,969	\$127,953
Total	\$524,984	-	-	-	-	\$4,221,690	\$4,746,674

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C04048 - Desert Wells Zone Well Site Acquisition

Project Description

Fund land acquisition, design, and construction of additional well sites needed in the Desert Wells zone. These improvements are planned over several fiscal years.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,633,188	\$1,633,188
Total	-	\$1,633,188	\$1,633,188

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Land Acquisition	\$250,000	\$254,400	\$258,674	\$263,615	\$268,413	\$273,244	\$1,568,345
CIP Administration	\$12,492	\$12,712	\$12,925	\$13,172	\$6,710	\$6,831	\$64,843
Total	\$262,492	\$267,112	\$271,599	\$276,787	\$275,123	\$280,075	\$1,633,188

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C02389 - Disinfection-By-Products (DBP) Mitigation

Project Description

Mesa's remote disinfection facilities presently use 100 pound chlorine cylinders. This project will upgrade the remote disinfection facilities to reduce operations and maintenance costs.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$80,378	\$6,831	\$87,209
Total	\$80,378	\$6,831	\$87,209

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$6,600	-	-	-	-	-	\$6,600
CIP Administration	\$231	-	-	-	-	-	\$231
Total	\$6,831	-	-	-	-	-	\$6,831

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10395 - DMB Well 1 on Crismon between Elliot and Warner

Project Description

Construct a well in southeast Mesa to serve the area and improve the efficiency and reliability of the water system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,668,418	\$2,668,418
Total	-	\$2,668,418	\$2,668,418

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$56,941	\$57,410	-	\$114,351
Construction	-	-	-	-	\$1,176,912	\$1,226,198	\$2,403,109
Direct Expenses	-	-	-	-	\$11,769	\$12,262	\$24,031
CIP Administration	-	-	-	\$2,776	\$62,265	\$61,884	\$126,926
Total	-	-	-	\$59,717	\$1,308,356	\$1,300,344	\$2,668,418

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10403 - DMB Well 2 on Crismon at Warner

Project Description

Construct a well in southeast Mesa to serve the area and improve the efficiency and reliability of the water system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,664,057	\$2,664,057
Total	-	\$2,664,057	\$2,664,057

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	\$52,723	\$57,410	-	\$110,133
Construction	-	-	-	-	\$1,176,912	\$1,226,198	\$2,403,109
Direct Expenses	-	-	-	-	\$11,769	\$12,262	\$24,031
CIP Administration	-	-	-	\$2,634	\$62,265	\$61,884	\$126,784
Total	-	-	-	\$55,357	\$1,308,356	\$1,300,344	\$2,664,057

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0066 - Drill and Equip Non-Potable Well for Southeast Mesa

Project Description

Drill and equip an irrigation well to serve the non-potable irrigation system for the Eastmark development during a canal dry up.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,525,141	\$2,525,141
Total	-	\$2,525,141	\$2,525,141

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$54,413	\$52,981	-	-	-	\$107,394
Construction	-	-	\$1,134,211	\$1,151,844	-	-	\$2,286,055
Direct Expenses	-	-	-	\$11,519	-	-	\$11,519
CIP Administration	-	\$2,719	\$59,322	\$58,132	-	-	\$120,174
Total	-	\$57,132	\$1,246,514	\$1,221,495	-	-	\$2,525,141

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0054 - Elliot Road: Hawes to Sossaman Road Falcon Field Waterline

Project Description

Install a 30-inch water transmission main to move water from the South Central Arizona Project transmission main west and to lines connecting north and south.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,253,855	\$3,253,855
Total	-	\$3,253,855	\$3,253,855

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$223,494	-	-	-	\$223,494
Construction	-	-	-	\$2,847,037	-	-	\$2,847,037
Direct Expenses	-	-	-	\$28,470	-	-	\$28,470
CIP Administration	-	-	\$11,167	\$143,686	-	-	\$154,853
Total	-	-	\$234,662	\$3,019,193	-	-	\$3,253,855

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0055 - Signal Butte to Falcon Field Waterline

Project Description

Install a 42-inch waterline on Elliot for the new Signal Butte reservoir, pump station, ground water facilities and water treatment plant to provide water from both the Central Arizona Project canal and wells to the lower Falcon Field zone.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$15,478,365	\$15,478,365
Total	-	\$15,478,365	\$15,478,365

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$968,755	-	-	-	-	\$968,755
Construction	-	-	\$6,156,441	\$7,480,176	-	-	\$13,636,618
Direct Expenses	-	-	\$61,564	\$74,802	-	-	\$136,367
CIP Administration	-	\$48,407	\$310,706	\$377,513	-	-	\$736,626
Total	-	\$1,017,162	\$6,528,711	\$7,932,491	-	-	\$15,478,365

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10413 - Ellsworth Road Waterline: SR 24 to Pecos Rd.

Project Description

Construct a 20-inch waterline within the State Route 24 corridor.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,695,610	\$3,695,610
Total	-	\$3,695,610	\$3,695,610

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$253,058	-	-	-	-	\$253,058
Construction	-	-	\$3,234,332	-	-	-	\$3,234,332
Direct Expenses	-	-	\$32,344	-	-	-	\$32,344
CIP Administration	-	\$12,645	\$163,232	-	-	-	\$175,876
Total	-	\$265,702	\$3,429,908	-	-	-	\$3,695,610

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

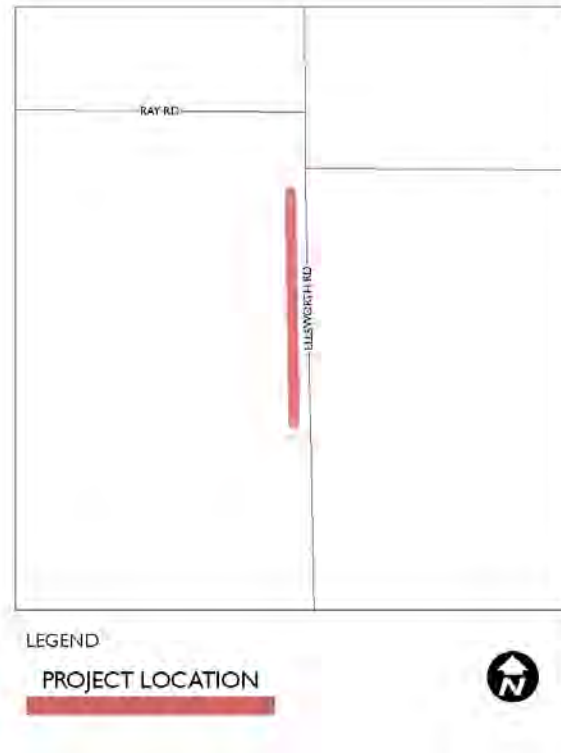
Water

Project Number and Name

C10462 - Ellsworth Road Wastewater Line; Ray Road to State Route 24

Project Description

Construct a 20-inch waterline within the extent of the State Route 24 corridor. The 20-inch line is necessary to complete the Falcon Zone loop and provide reliable service to properties south of Ray Road between Ellsworth and Power.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$46,473	\$1,756,191	\$1,802,664
Total	\$46,473	\$1,756,191	\$1,802,664

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$138,095	-	-	-	-	-	\$138,095
Construction	-	\$1,461,514	-	-	-	-	\$1,461,514
Direct Expenses	-	\$41,758	-	-	-	-	\$41,758
CIP Administration	\$9,660	\$105,164	-	-	-	-	\$114,824
Total	\$147,755	\$1,608,436	-	-	-	-	\$1,756,191

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10578 - Falcon Field Pump Station at Signal Butte Water Treatment Plant

Project Description

Construct 2 pumps at 3 million gallons per day (mgd) and 2 pumps at 6 mgd. The pumps will be installed into the existing reservoir well and will connect to the existing electrical equipment.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,856,876	\$1,856,876
Total	-	\$1,856,876	\$1,856,876

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$110,250	-	-	-	-	-	\$110,250
Construction	-	\$814,080	\$827,757	-	-	-	\$1,641,837
Direct Expenses	-	\$8,141	\$8,278	-	-	-	\$16,418
CIP Administration	\$5,509	\$41,086	\$41,776	-	-	-	\$88,370
Total	\$115,759	\$863,306	\$877,810	-	-	-	\$1,856,876

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0024 - Filter Underdrain Replacement at Brown Road Water Treatment Plant

Project Description

Replace filters 13-18 on the aging water filter underdrain system at Brown Road Water Treatment Plant.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$21,990,280	\$21,990,280
Total	-	\$21,990,280	\$21,990,280

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$402,400	\$203,520	\$192,088	\$210,892	\$182,521	\$900,677	\$2,092,097
Construction	-	\$4,094,822	\$2,069,392	\$1,957,565	\$2,147,300	\$8,678,876	\$18,947,955
Direct Expenses	-	\$40,948	\$20,694	\$19,576	\$21,473	\$86,789	\$189,480
CIP Administration	\$20,107	\$216,829	\$114,037	\$109,334	\$58,782	\$241,659	\$760,748
Total	\$422,507	\$4,556,120	\$2,396,211	\$2,297,367	\$2,410,076	\$9,908,000	\$21,990,280

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0179 - Fire Alarm Upgrade at Utilities Building

Project Description

Upgrade the fire alarm system at the Utilities Building, including a replacement control panel and a new audio and visual alarm system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Electric Bond Construction	\$25,681	\$22,323	\$48,004
Gas Bond Construction	\$25,413	\$22,323	\$47,736
Wastewater Bond Construction	\$25,799	\$22,323	\$48,122
Water Bond Construction	\$25,650	\$22,323	\$47,973
Total	\$102,543	\$89,292	\$191,835

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$86,272	-	-	-	-	-	\$86,272
CIP Administration	\$3,020	-	-	-	-	-	\$3,020
Total	\$89,292	-	-	-	-	-	\$89,292

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

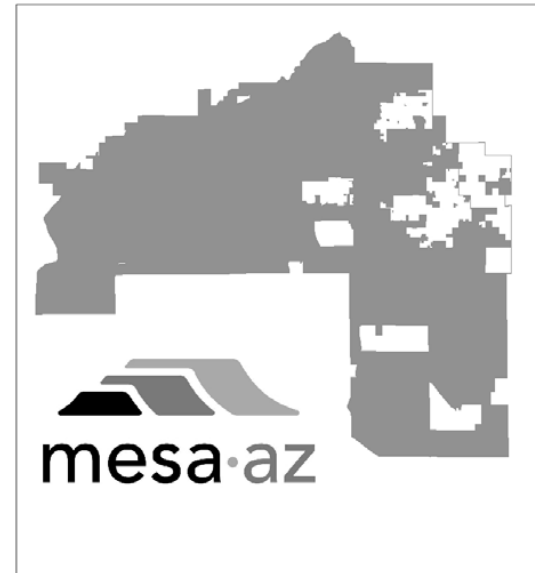
Water

Project Number and Name

CP0130 - Fire Hydrant Meters

Project Description

Install fire hydrant meters to ensure the accurate measurement of water usage. Fire hydrant meters are used for measurement of water used during construction projects throughout the City. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$45,356	\$100,286	\$145,641
Total	\$45,356	\$100,286	\$145,641

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	-	-	-	-	-	-	-
Purchases	\$10,000	\$10,176	\$10,347	\$10,545	\$10,737	\$45,034	\$96,838
Installation	-	-	-	-	-	-	-
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$500	\$509	\$517	\$527	\$268	\$1,126	\$3,448
Total	\$10,500	\$10,685	\$10,864	\$11,072	\$11,005	\$46,160	\$100,286

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

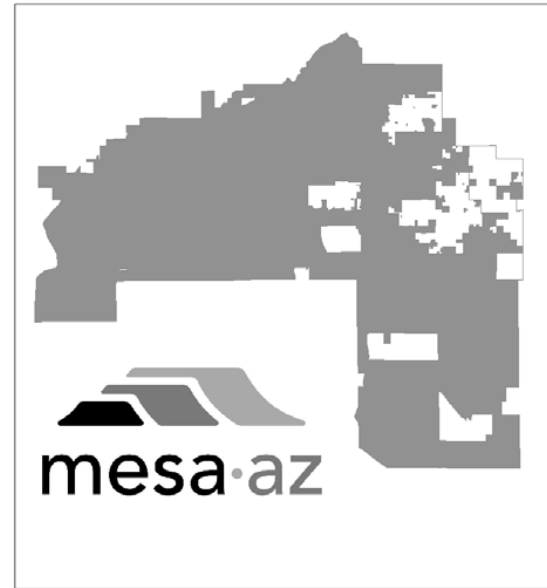
Water

Project Number and Name

CP0134 - Fire Hydrant Replacement

Project Description

Replace fire hydrants that are beyond their useful life to ensure hydrants are operational when needed.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$208,166	\$2,895,014	\$3,103,179
Total	\$208,166	\$2,895,014	\$3,103,179

City Wide

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$275,000	\$279,840	\$284,541	\$289,976	\$295,254	\$1,351,015	\$2,775,626
Purchases	-	-	-	-	-	-	-
Direct Expenses	\$2,750	\$2,798	\$2,845	\$2,900	\$2,953	\$13,510	\$27,756
CIP Administration	\$6,944	\$14,123	\$14,361	\$14,635	\$7,455	\$34,113	\$91,631
Total	\$284,694	\$296,762	\$301,747	\$307,511	\$305,662	\$1,398,639	\$2,895,014

Utilities Major Program Detail

Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0364 - Fire Protection Reservoirs Re-coat at Phx-Mesa Gateway Airport

Project Description

Remove the failing coating from the interior and exterior surface area on the fire-protection storage tanks at Phoenix-Mesa Gateway Airport. Recoat the entire structure in accordance with American Water Works Association (AWWA) and National Association of Corrosion Engineers (NACE) standards to protect the steel structure from corrosion and increase the useful life of the reservoirs.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$286,117	\$286,117
Total	-	\$286,117	\$286,117

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$20,000	-	-	-	-	-	\$20,000
Construction	\$250,000	-	-	-	-	-	\$250,000
Direct Expenses	\$2,500	-	-	-	-	-	\$2,500
CIP Administration	\$13,617	-	-	-	-	-	\$13,617
Total	\$286,117	-	-	-	-	-	\$286,117

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10411 - Hawes Road 24-inch Waterline: Elliot to 202

Project Description

Install 24-inch waterline on Hawes Road to improve delivery service in southeast Mesa.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,582,456	\$3,582,456
Total	-	\$3,582,456	\$3,582,456

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$300,622	-	\$300,622
Construction	-	-	-	-	-	\$3,162,828	\$3,162,828
Direct Expenses	-	-	-	-	-	\$31,629	\$31,629
CIP Administration	-	-	-	-	\$7,516	\$79,862	\$87,377
Total	-	-	-	-	\$308,138	\$3,274,318	\$3,582,456

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

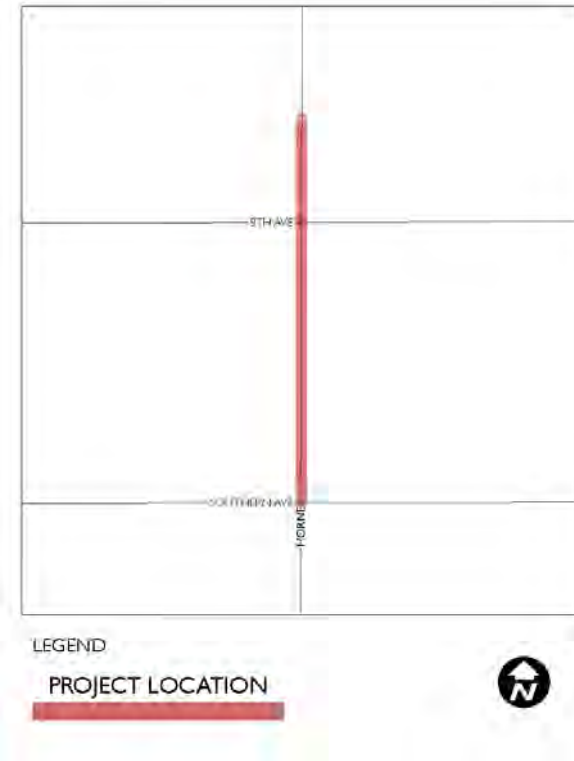
Water

Project Number and Name

CP0366 - Waterline Replacement Horne from Marilyn Ave to Southern Ave

Project Description

Install approximately 3,650 linear feet of new 16-inch diameter water mains, and abandon in place aging 12-inch Asbestos Cement Pipe (ACP) water main constructed in 1962. New water mains will extend along Horne Road between Marilyn Avenue to Southern Avenue. Includes related appurtenances such as valves, hydrants and service lines.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$990,646	\$990,646
Total	-	\$990,646	\$990,646

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$85,000	-	-	-	-	-	\$85,000
Construction	\$850,000	-	-	-	-	-	\$850,000
Direct Expenses	\$8,500	-	-	-	-	-	\$8,500
CIP Administration	\$47,146	-	-	-	-	-	\$47,146
Total	\$990,646	-	-	-	-	-	\$990,646

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise		\$17,056,985	\$17,763,330
Capital - General Fund		\$137,897,964	\$137,897,964
Cemetery		-	-
Cemetery Reserve		\$3,799,379	\$3,799,379
Community Development Block Grant		\$579,046	\$579,046
Cultural Facility Impact Fee		-	-
Electric Bond Construction		\$44,753,205	\$51,667,452
Employee Benefit Trust		-	-
Enterprise Fund		\$3,842,191	\$3,842,191

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

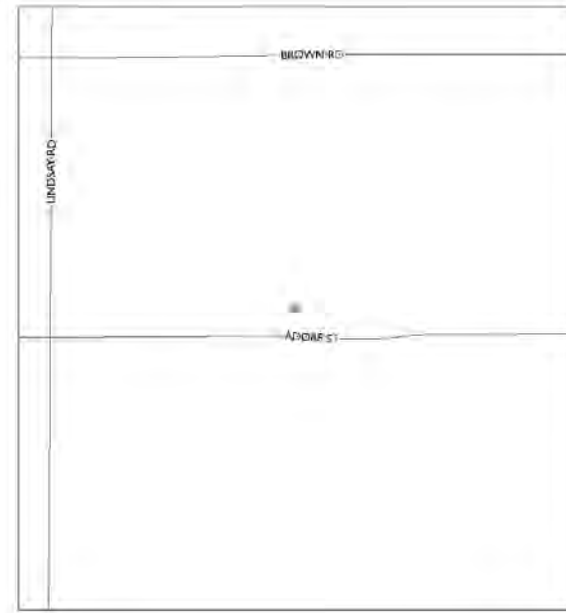
Water

Project Number and Name

CP0228 - Lindsay Reservoir Roof Replacement

Project Description

Review of the reservoir roof revealed corrosion. The roof and a major portion of the support structure must be replaced or treated.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,448,215	\$1,448,215
Total	-	\$1,448,215	\$1,448,215

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$125,188	-	\$125,188
Construction	-	-	-	-	-	\$1,274,955	\$1,274,955
Direct Expenses	-	-	-	-	-	\$12,750	\$12,750
CIP Administration	-	-	-	-	\$3,130	\$32,192	\$35,322
Total	-	-	-	-	\$128,317	\$1,319,897	\$1,448,215

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

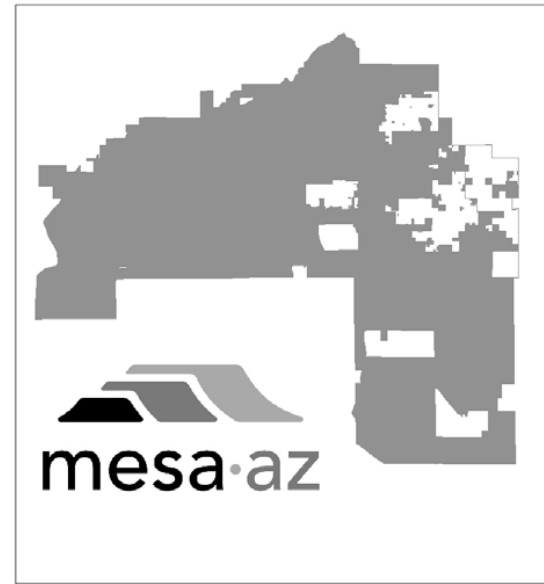
Water

Project Number and Name

CP0359 - Replace Magnetic Meters at Remote Water Facilities

Project Description

Coordinate replacement of aging magnetic meters to be able to accurately meter water flow.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$331,523	\$331,523
Total	-	\$331,523	\$331,523

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$60,000	\$40,704	\$71,394	\$31,634	\$21,473	\$90,068	\$315,272
Direct Expenses	\$600	\$407	\$714	\$316	\$215	\$901	\$3,153
CIP Administration	\$3,028	\$2,055	\$3,603	\$1,596	\$542	\$2,274	\$13,098
Total	\$63,628	\$43,166	\$75,711	\$33,547	\$22,230	\$93,243	\$331,523

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10410 - Meridian Drive Waterline: Guadalupe Road South to SRP Easement

Project Description

Install a waterline to connect to the proposed 12-inch line at Guadalupe Road. The 2010 Water Master Plan identified the need for a Desert Wells Zone waterline on Meridian Drive from Guadalupe Road to the SRP Easement. The line is necessary to complete the Desert Wells zone loop and provide reliable service to the properties of the proposed Sunland Village development and the properties west of Meridian between Guadalupe and Elliot.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$628,062	\$628,062
Total	-	\$628,062	\$628,062

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$53,040	-	-	-	-	-	\$53,040
Construction	-	\$539,735	-	-	-	-	\$539,735
Direct Expenses	-	\$5,397	-	-	-	-	\$5,397
CIP Administration	\$2,650	\$27,239	-	-	-	-	\$29,889
Total	\$55,690	\$572,372	-	-	-	-	\$628,062

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

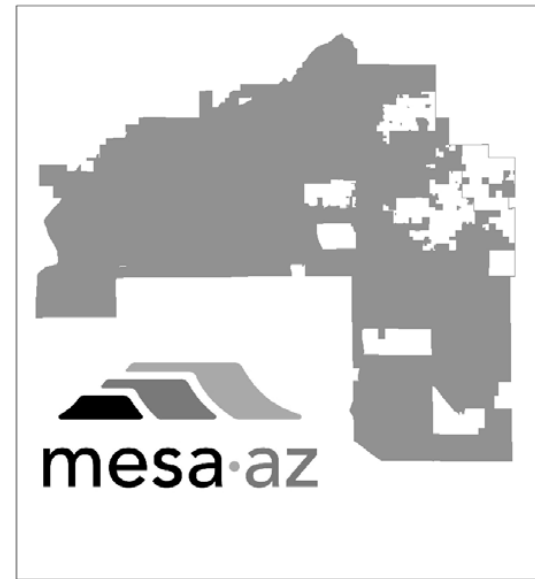
Water

Project Number and Name

CP0065 - Non-Potable Waterline for Southeast Mesa

Project Description

This non-potable water line will serve the irrigation needs of the Great park and the Gaylord Resort at Eastmark. The 16-inch Waterline will extend from Elliot to Signal Butte to Eastmark Parkway and will eventually tie into a planned 48-inch raw waterline that connects to the Signal Butte Water Treatment Plant. The developer will construct the waterline and the City will use this to pay for the city share cost.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,044,044	\$1,044,044
Total	-	\$1,044,044	\$1,044,044

City Wide

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	\$48,366	-	-	-	\$48,366
Construction	-	-	-	\$936,624	-	-	\$936,624
Direct Expenses	-	-	-	\$9,367	-	-	\$9,367
CIP Administration	-	-	\$2,417	\$47,270	-	-	\$49,687
Total	-	-	\$50,783	\$993,261	-	-	\$1,044,044

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C01606 - Pasadena Pump Station Improvements

Project Description

Various improvements such as chlorination, electrical, standby power, and pump upgrades to Pasadena, Brooks and Lindsay Reservoirs and Transfer Station 3.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Wastewater Bond Construction	\$48,321	-	\$48,321
Water Bond Construction	\$7,446,430	\$318,699	\$7,765,129
Total	\$7,494,751	\$318,699	\$7,813,450

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$307,922	-	-	-	-	-	\$307,922
CIP Administration	\$10,777	-	-	-	-	-	\$10,777
Total	\$318,699	-	-	-	-	-	\$318,699

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0337 - Pasadena Reservoir Water Line

Project Description

Install a water line from Brown Road to replace lines that showing signs of failure and repair a section of pipe at Pasadena and McLellan that has weakened.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$71,490	\$1,933,847	\$2,005,337
Total	\$71,490	\$1,933,847	\$2,005,337

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$1,868,451	-	-	-	-	-	\$1,868,451
CIP Administration	\$65,396	-	-	-	-	-	\$65,396
Total	\$1,933,847	-	-	-	-	-	\$1,933,847

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

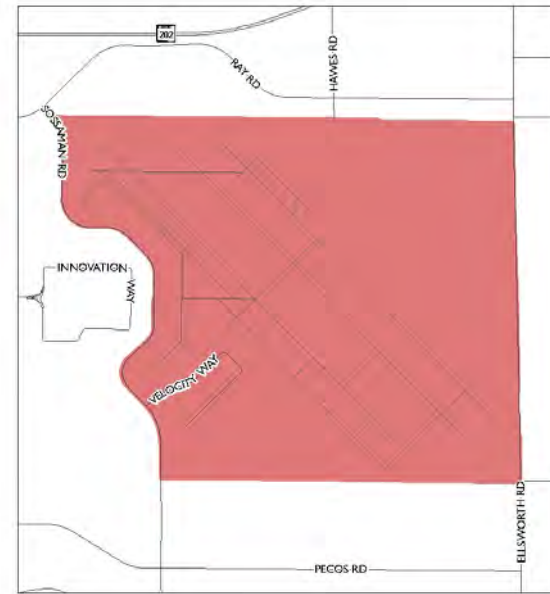
Water

Project Number and Name

CP0358 - Expansion of Waterlines to Phx-Mesa Gateway Area

Project Description

Design and construction of new 16-inch waterlines in the Northeast airport area to support increased development and water demands.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,011,010	\$2,011,010
Total	-	\$2,011,010	\$2,011,010

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$280,858	-	-	-	-	\$280,858
Construction	-	-	\$1,618,265	-	-	-	\$1,618,265
Direct Expenses	-	-	\$16,183	-	-	-	\$16,183
CIP Administration	-	\$14,034	\$81,672	-	-	-	\$95,705
Total	-	\$294,891	\$1,716,119	-	-	-	\$2,011,010

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10391 - Pressure Reducing Valve Station Replacements - Citywide

Project Description

Replace and improve aging Pressure Reducing Valve (PRV) stations to allow for better operation, maintenance, and reliability. The water system has 25 free standing PRVs which serve a variety of purposes: reduce the pressure to localized areas; increase pressure to localized areas by bringing in water from a higher zone; and they can provide reliability to an area that doesn't have sufficient waterline redundancy in a particular area of a service zone.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$213,518	\$610,506	\$824,024
Total	\$213,518	\$610,506	\$824,024

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$52,000	-	-	-	-	-	\$52,000
Construction	\$260,000	\$264,576	-	-	-	-	\$524,576
Direct Expenses	\$2,600	\$2,646	-	-	-	-	\$5,246
CIP Administration	\$15,331	\$13,353	-	-	-	-	\$28,684
Total	\$329,931	\$280,575	-	-	-	-	\$610,506

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

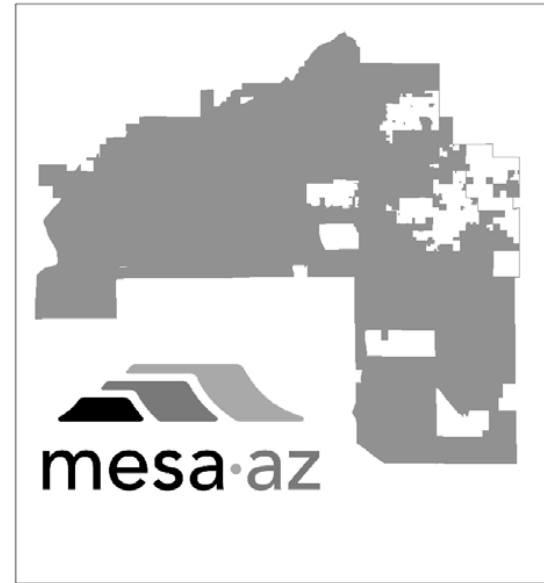
Water

Project Number and Name

CP0361 - Pump Motor Replacements and Rehab

Project Description

Repair, rebuild or replace pumps and motor speed controllers within the City's booster pump stations.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,647,423	\$2,647,423
Total	-	\$2,647,423	\$2,647,423

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$250,000	\$254,400	\$258,674	\$263,615	\$268,413	\$1,237,166	\$2,532,267
Direct Expenses	\$2,500	\$2,544	\$2,587	\$2,636	\$2,684	\$12,372	\$25,323
CIP Administration	\$12,617	\$12,839	\$13,055	\$13,304	\$6,778	\$31,241	\$89,834
Total	\$265,117	\$269,783	\$274,316	\$279,555	\$277,875	\$1,280,778	\$2,647,423

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

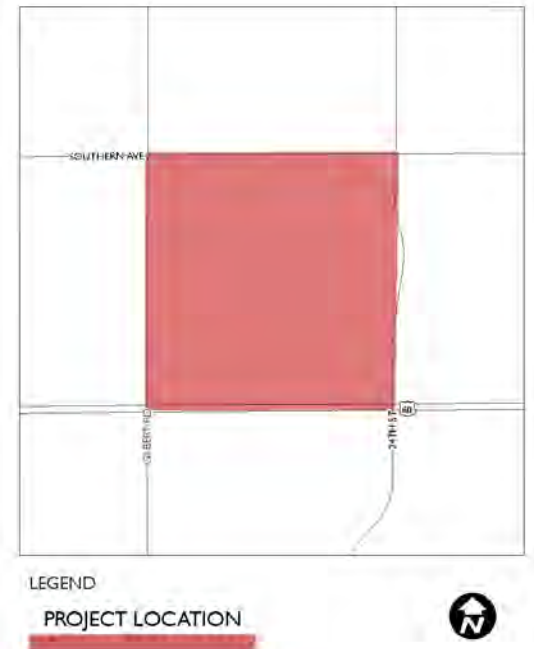
Water

Project Number and Name

CP0250 - Waterline Replacement at Quarter Section 55A

Project Description

Replace approximately 8,286 linear feet of aging 6-inch waterline with new 8-inch line within City of Mesa Water Quarter Section Number 55A. Includes the area between Gilbert Road and 24th Street, and Southern Avenue and US60.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,174,569	\$3,174,569
Total	-	\$3,174,569	\$3,174,569

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$268,093	-	-	-	-	-	\$268,093
Construction	-	\$2,728,115	-	-	-	-	\$2,728,115
Direct Expenses	-	\$27,281	-	-	-	-	\$27,281
CIP Administration	\$13,396	\$137,683	-	-	-	-	\$151,079
Total	\$281,489	\$2,893,080	-	-	-	-	\$3,174,569

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0249 - Waterline Replacement at Quarter Section 55D

Project Description

Replace approximately 20,000 linear feet of aging 6-inch, 8-inch and 12-inch waterline with new 8-inch and 12-inch line within City of Mesa Water Quarter Section Number 55D. Includes the area between 24th Street and Lindsay Road, and US60 and Baseline Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,062,870	\$1,062,870
Total	-	\$1,062,870	\$1,062,870

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$89,759	-	-	-	-	-	\$89,759
Construction	-	\$913,395	-	-	-	-	\$913,395
Direct Expenses	-	\$9,134	-	-	-	-	\$9,134
CIP Administration	\$4,485	\$46,097	-	-	-	-	\$50,582
Total	\$94,244	\$968,626	-	-	-	-	\$1,062,870

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

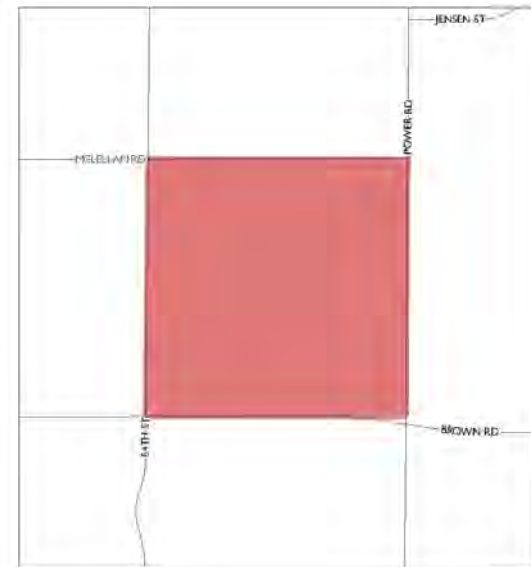
Water

Project Number and Name

C10595 - Waterline Replacement at Quarter Section 91D

Project Description

Replace and/or extend waterlines in City quarter section 91D. These lines have reached the end of their useful life.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Gas Bond Construction	-	\$86,884	\$86,884
Water Bond Construction	-	\$997,875	\$997,875
Total	-	\$1,084,759	\$1,084,759

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$7,377	-	-	-	-	-	\$7,377
Construction	\$1,014,752	-	-	-	-	-	\$1,014,752
Direct Expenses	\$10,222	-	-	-	-	-	\$10,222
CIP Administration	\$52,408	-	-	-	-	-	\$52,408
Total	\$1,084,759	-	-	-	-	-	\$1,084,759

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10488 - Waterline Replacement at Quarter Section 93D

Project Description

Replace and/or extend waterlines in City quarter section 93D. These lines have reached the end of their useful life.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,598,238	\$1,598,238
Total	-	\$1,598,238	\$1,598,238

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$1,507,106	-	-	-	-	-	\$1,507,106
Direct Expenses	\$15,071	-	-	-	-	-	\$15,071
CIP Administration	\$76,061	-	-	-	-	-	\$76,061
Total	\$1,598,238	-	-	-	-	-	\$1,598,238

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

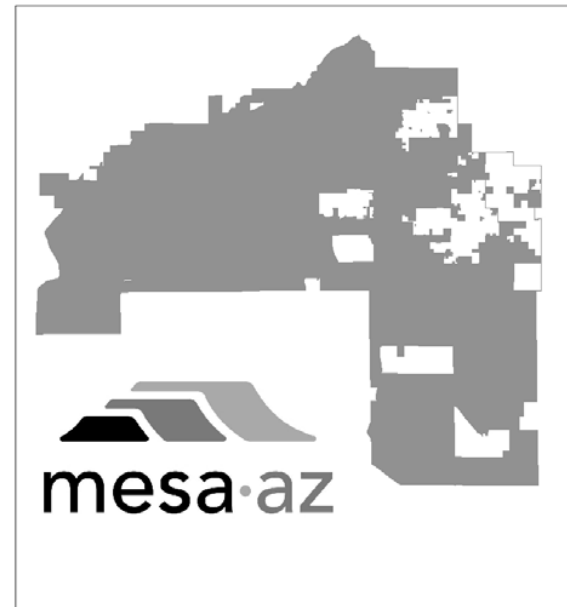
Water

Project Number and Name

CP0360 - Radio Communication Upgrade at Remote Water Facilities

Project Description

Coordinate replacement of aging radio communication facilities at Remote Water Facilities. Currently there are 105 Remote facilities in the water system.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$560,290	\$560,290
Total	-	\$560,290	\$560,290

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	\$76,320	-	-	-	-	\$76,320
Construction	-	-	\$200,524	\$204,354	\$49,066	-	\$453,944
Direct Expenses	-	-	\$2,005	\$2,044	\$491	-	\$4,539
CIP Administration	-	\$3,814	\$10,120	\$10,314	\$1,239	-	\$25,487
Total	-	\$80,134	\$212,650	\$216,711	\$50,795	-	\$560,290

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10408 - Signal Butte Waterline: Warner to Ray

Project Description

Construction of this waterline is required to support development within Mesa Proving Grounds and the southern Desert Wells water service zone. This waterline will connect to a 30-inch waterline at Warner Road.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,298,172	\$3,298,172
Total	-	\$3,298,172	\$3,298,172

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$289,886	-	\$289,886
Construction	-	-	-	-	\$2,898,855	-	\$2,898,855
Direct Expenses	-	-	-	-	\$28,989	-	\$28,989
CIP Administration	-	-	-	-	\$80,443	-	\$80,443
Total	-	-	-	-	\$3,298,172	-	\$3,298,172

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0363 - Signal Butte Reservoir Rehab

Project Description

Installation of new high security/corrosion resistant door and hardware and the installation of new active ventilation equipment to reinforce the entrance to the Signal Butte reservoir to ensure the reservoir remains secure. The entrance must also be constructed of material that is impervious to moisture/humidity generated in the reservoir.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$106,047	\$106,047
Total	-	\$106,047	\$106,047

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$100,000	-	-	-	-	-	\$100,000
Direct Expenses	\$1,000	-	-	-	-	-	\$1,000
CIP Administration	\$5,047	-	-	-	-	-	\$5,047
Total	\$106,047	-	-	-	-	-	\$106,047

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C01600 - Signal Butte Water Treatment Plant

Project Description

Construct a 24 to 48 million gallon per day (MGD) water treatment plant to serve growth in the southeastern portion of the City. The construction process is a multi-year endeavor. The early stages of the process will identify any long lead items that may be needed for construction in advance of the anticipated growth.



Project Expenditures by Fund

Annual Operating & Maintenance

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Enterprise Fund	-	\$1,878,829	\$1,878,829
Total	-	\$1,878,829	\$1,878,829

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$64,559	\$126,314,764	\$126,379,323
Total	\$64,559	\$126,314,764	\$126,379,323

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$3,522,625	\$3,831,584	-	-	-	-	\$7,354,209
Construction	-	-	\$55,799,070	\$46,428,678	-	-	\$102,227,748
Direct Expenses	\$845,000	\$859,872	\$4,883,765	\$4,144,020	-	-	\$10,732,657
CIP Administration	\$217,547	\$233,415	\$3,026,157	\$2,523,031	-	-	\$6,000,150
Total	\$4,585,172	\$4,924,871	\$63,708,992	\$53,095,729	-	-	\$126,314,764

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10394 - Signal Butte Well Collection Line - Desert Well #18 to Reuban Street

Project Description

Construct a well collection line along Signal Butte Road from Desert Well #18 north to the Signal Butte Reservoir. The line is sized to accommodate future simultaneous flow from Desert Wells #19 and #20, located south of Desert Well #18. This dedicated line will allow for the conveyance of groundwater directly from these well sites into the Signal Butte Reservoir.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$655,902	\$655,902
Total	-	\$655,902	\$655,902

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$54,600	-	-	-	-	-	\$54,600
Construction	-	\$564,442	-	-	-	-	\$564,442
Direct Expenses	-	\$5,645	-	-	-	-	\$5,645
CIP Administration	\$2,728	\$28,487	-	-	-	-	\$31,215
Total	\$57,328	\$598,574	-	-	-	-	\$655,902

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

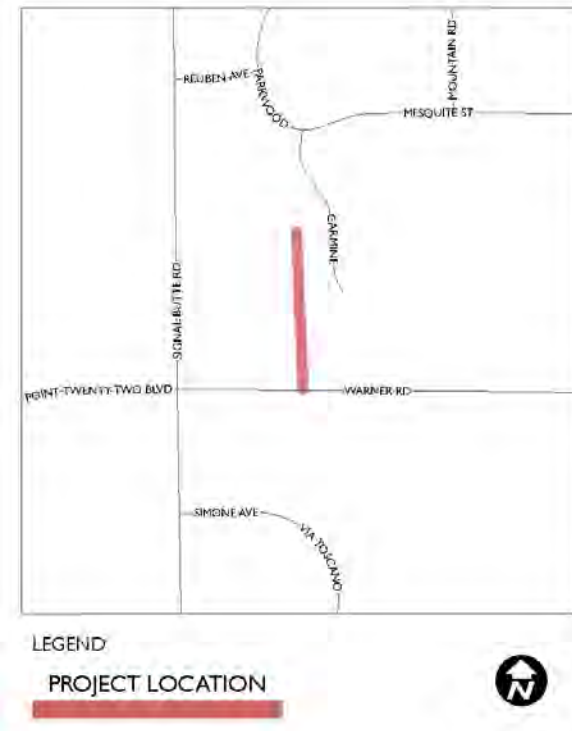
Water

Project Number and Name

C10400 - Signal Butte Well Collection Line - Desert Well #18 to Warner

Project Description

Construct a well collection line along Signal Butte Road from Desert Well #18 south to Warner Road. The well collection line is sized to accommodate future simultaneous flow from Desert Wells #19 and #20. This dedicated well collection line will allow for conveyance of groundwater directly from the well sites to the Signal Butte Reservoir without impacting the water distribution system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$1,166,893	\$1,166,893
Total	-	\$1,166,893	\$1,166,893

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$90,000	-	-	-	-	-	\$90,000
Construction	-	\$1,011,247	-	-	-	-	\$1,011,247
Direct Expenses	-	\$10,113	-	-	-	-	\$10,113
CIP Administration	\$4,497	\$51,036	-	-	-	-	\$55,533
Total	\$94,497	\$1,072,396	-	-	-	-	\$1,166,893

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C09009 - Signal Butte: Ray Road to Pecos Road Waterline

Project Description

This 16-inch waterline provides significant hydraulic benefit and redundancy for service to properties along Pecos Road. If either of the current lines has a break, we would be unable to provide fire flow to development along Pecos. This line also supports meeting peak day/peak hour demands along Pecos Road that would otherwise have to be met by turning on localized wells.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,707,765	\$2,707,765
Total	-	\$2,707,765	\$2,707,765

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$236,203	-	\$236,203
Construction	-	-	-	-	-	\$2,381,702	\$2,381,702
Direct Expenses	-	-	-	-	-	\$23,817	\$23,817
CIP Administration	-	-	-	-	\$5,905	\$60,138	\$66,043
Total	-	-	-	-	\$242,108	\$2,465,657	\$2,707,765

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

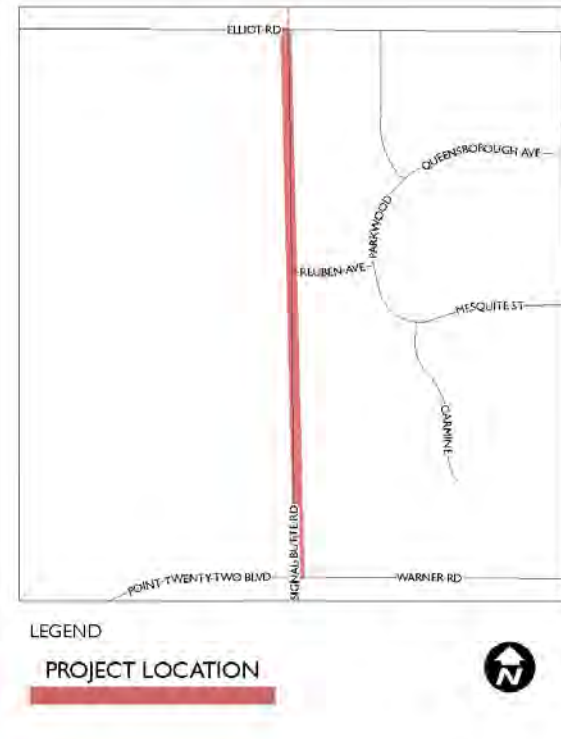
Water

Project Number and Name

C04053 - Signal Butte: Reuban Street to Warner Road Waterline

Project Description

Due to projected development in this area, install a 30- inch waterline on Signal Butte for additional transmission capacity from the South Central Arizona Project Water Treatment Plant.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$767	\$1,600,043	\$1,600,810
Total	\$767	\$1,600,043	\$1,600,810

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$139,575	-	\$139,575
Construction	-	-	-	-	-	\$1,407,369	\$1,407,369
Direct Expenses	-	-	-	-	-	\$14,074	\$14,074
CIP Administration	-	-	-	-	\$3,489	\$35,536	\$39,025
Total	-	-	-	-	\$143,064	\$1,456,979	\$1,600,043

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C09013 - Sossaman Rd Waterline: Pecos to 1/2 mile North of Williams Field Road

Project Description

Remove pressure relief valves and replace connection lines making the 16-inch line hydraulically continuous with the rest of the system. The new waterline was constructed in Sossaman Road in the Gateway area. This line remains isolated from the Falcon Field zone by two pressure reducing valves at the north and south ends.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$616,050	\$2,594,956	\$3,211,006
Total	\$616,050	\$2,594,956	\$3,211,006

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$2,570	-	-	-	-	-	\$2,570
Land Acquisition	-	-	-	-	-	-	-
Construction	\$2,483,886	-	-	-	-	-	\$2,483,886
CIP Administration	\$108,500	-	-	-	-	-	\$108,500
Total	\$2,594,956	-	-	-	-	-	\$2,594,956

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0255 - Street Improvements at Medina & Hawes

Project Description

Construct half-street improvements at Medina and Hawes.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$75,955	\$846,603	\$922,558
Total	\$75,955	\$846,603	\$922,558

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$46,053	-	-	-	-	-	\$46,053
Construction	\$769,050	-	-	-	-	-	\$769,050
Direct Expenses	\$9,000	-	-	-	-	-	\$9,000
CIP Administration	\$22,500	-	-	-	-	-	\$22,500
Total	\$846,603	-	-	-	-	-	\$846,603

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10401 - Transfer Station 2 Pump Addition

Project Description

Install an additional pump at the transfer station to improve efficiency and reliability.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$119,160	\$119,160
Total	-	\$119,160	\$119,160

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$11,623	-	\$11,623
Construction	-	-	-	-	\$103,594	-	\$103,594
Direct Expenses	-	-	-	-	\$1,036	-	\$1,036
CIP Administration	-	-	-	-	\$2,906	-	\$2,906
Total	-	-	-	-	\$119,160	-	\$119,160

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10392 - Transfer Station 3 Improvements

Project Description

Expand transfer capacity of Transfer Station 3 to meet projected water demands. Per the 2010 Water Master Plan, during a Central Arizona Project canal outage when the Central Arizona Project water treatment plants (Brown Rd and Signal Butte Water Treatment Plants) are offline, on-project to off-project transfer capacity at Transfer Station 3 needs to be expanded by 2015 to meet projected off project demands.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$200	\$7,429,681	\$7,429,880
Total	\$200	\$7,429,681	\$7,429,880

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$665,052	-	-	-	-	-	\$665,052
Construction	-	\$6,347,569	-	-	-	-	\$6,347,569
Direct Expenses	-	\$63,476	-	-	-	-	\$63,476
CIP Administration	\$33,232	\$320,352	-	-	-	-	\$353,584
Total	\$698,284	\$6,731,397	-	-	-	-	\$7,429,681

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

C10279 - Upper Zone Reliability Improvements - Pump Station Upgrades

Project Description

According to the 2010 Water Master Plan, improvements need to be made to selected upper zone pump stations where the impact of failure was judged to be unsustainable or unable to be readily rectified to provide reliable service for the upper service zones. These pump stations are considered critical supply links to the upper service areas.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$463,182	\$1,961,618	\$2,424,800
Total	\$463,182	\$1,961,618	\$2,424,800

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$19,137	-	-	-	-	-	\$19,137
Construction	\$1,876,146	-	-	-	-	-	\$1,876,146
CIP Administration	\$66,335	-	-	-	-	-	\$66,335
Total	\$1,961,618	-	-	-	-	-	\$1,961,618

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10597 - Val Vista Pipelines to City Zone Reservoirs and Val Vista Water Treatment Plant

Project Description

Construct three water transmission mains to transfer water from the plant to the City Zone pump stations. There are existing jointly owned transmission mains that feed water treated at the Val Vista Water Treatment Plant to the three City Zone pump stations and the City of Phoenix. Pursuant to the revised Intergovernmental Agreement (IGA) for the Val Vista Water Treatment Plant, Mesa will separate its flow and construct its own mains to serve its pump stations.



LEGEND

PROJECT LOCATION



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$11,382,950	\$33,715,531	\$45,098,482
Total	\$11,382,950	\$33,715,531	\$45,098,482

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$1,613,820	-	-	-	-	-	\$1,613,820
Construction	\$21,721,180	\$8,523,346	-	-	-	-	\$30,244,526
Direct Expenses	\$145,000	\$85,233	-	-	-	-	\$230,233
CIP Administration	\$1,196,792	\$430,160	-	-	-	-	\$1,626,952
Total	\$24,676,792	\$9,038,739	-	-	-	-	\$33,715,531

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

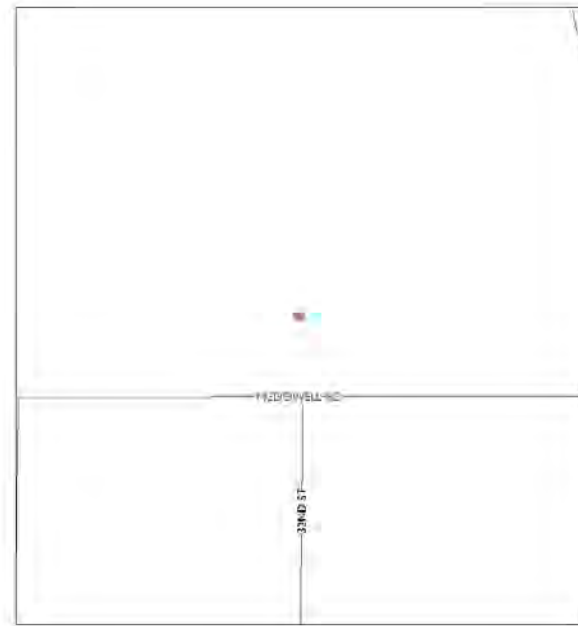
Water

Project Number and Name

C10319 - Val Vista Water Treatment Plant - Mesa Share

Project Description

Fund the city's portion of the operations and maintenance cost of the Val Vista Water Treatment Plant per the Intergovernmental Agreement with the City of Phoenix.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$388,112	\$25,443,322	\$25,831,434
Total	\$388,112	\$25,443,322	\$25,831,434

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Mesa Share	\$2,518,148	\$4,362,689	\$4,622,656	\$1,958,606	\$2,025,951	\$9,006,768	\$24,494,819
CIP Administration	\$125,829	\$217,998	\$230,989	\$97,870	\$50,648	\$225,169	\$948,503
Total	\$2,643,977	\$4,580,688	\$4,853,645	\$2,056,476	\$2,076,599	\$9,231,937	\$25,443,322

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10412 - Warner Road Waterline: Power to Ellsworth

Project Description

This project will route and construct a transmission pipeline between the County Line Pump Station No. 3 on Elmwood Street just west of Crismon and Country Line Reservoir No. 2 which is north of McLellan Rd just east of Ellsworth.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$3,496,606	\$3,496,606
Total	-	\$3,496,606	\$3,496,606

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$302,374	-	\$302,374
Construction	-	-	-	-	-	\$3,078,167	\$3,078,167
Direct Expenses	-	-	-	-	-	\$30,781	\$30,781
CIP Administration	-	-	-	-	\$7,560	\$77,724	\$85,283
Total	-	-	-	-	\$309,934	\$3,186,672	\$3,496,606

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

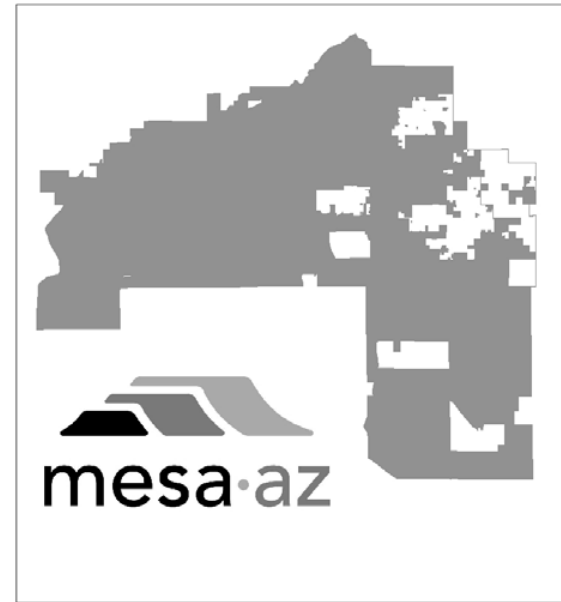
Water

Project Number and Name

CP0136 - Water Asset Management System

Project Description

Implement a water asset management system. This system will provide accurate and efficient methods to track condition assessment, repair, replacement and maintenance history of wells, pumps, motors, electrical components and reservoirs. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$704,113	\$10,821,012	\$11,525,125
Total	\$704,113	\$10,821,012	\$11,525,125

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$143,408	\$145,932	\$148,384	\$151,218	\$153,970	\$645,821	\$1,388,733
Construction	\$1,000,000	\$1,017,600	\$1,034,696	\$1,054,458	\$1,073,650	\$2,832,892	\$8,013,296
Purchases	\$111,000	\$112,954	\$114,851	\$117,045	\$119,175	\$370,849	\$945,874
Direct Expenses	\$10,000	\$10,176	\$10,347	\$10,545	\$10,737	\$28,329	\$80,133
CIP Administration	\$31,633	\$64,294	\$65,374	\$66,623	\$67,835	\$97,217	\$392,976
Total	\$1,296,041	\$1,350,956	\$1,373,652	\$1,399,888	\$1,425,367	\$3,975,109	\$10,821,012

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

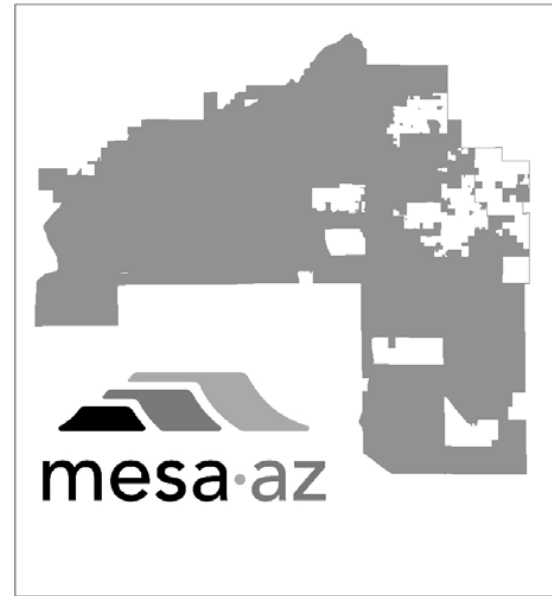
Water

Project Number and Name

CP0131 - Water Extensions and Oversized Mains

Project Description

Water service needs as identified for new developments.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,025,743	\$2,025,743
Total	-	\$2,025,743	\$2,025,743

City Wide

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$200,000	\$203,520	\$206,939	\$210,892	\$214,730	\$900,677	\$1,936,758
Direct Expenses	\$2,000	\$2,035	\$2,069	\$2,109	\$2,147	\$9,007	\$19,368
CIP Administration	\$10,094	\$10,272	\$10,444	\$10,644	\$5,422	\$22,742	\$69,618
Total	\$212,094	\$215,827	\$219,453	\$223,644	\$222,299	\$932,426	\$2,025,743

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C10450 - Water Facility Security Enhancements

Project Description

Install security measures at remote water facilities including: signage, perimeter hardening and monitoring, alarming, cameras, and entrance control/locks. This project is based on recommendations from the Department of Homeland Security Vulnerability Assessment.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$276,563	\$267,929	\$544,492
Total	\$276,563	\$267,929	\$544,492

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$61,221	-	-	-	-	-	\$61,221
Purchases	\$96,800	\$65,126	\$32,903	-	-	-	\$194,830
CIP Administration	\$6,980	\$3,254	\$1,644	-	-	-	\$11,878
Total	\$165,001	\$68,381	\$34,547	-	-	-	\$267,929

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

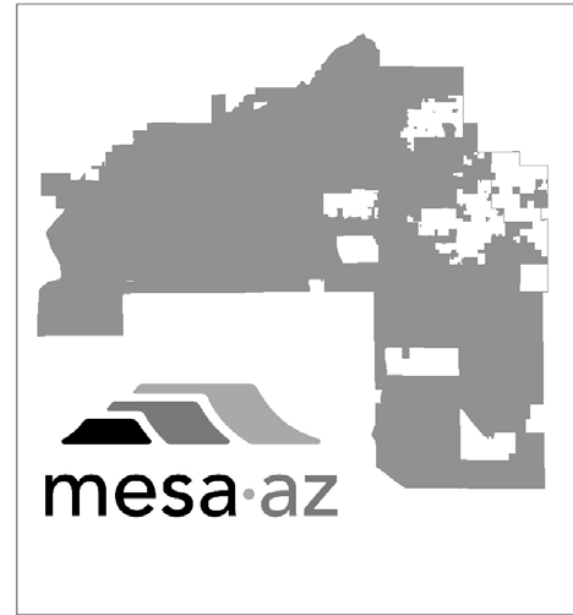
Water

Project Number and Name

CP0138 - Water Meter Replacements

Project Description

Purchase new water meters in sizes 3/4 inch through 2-inch in response to projected customer growth. Replacing meters ensures accurate measurement of water usage by customers. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Utility Replacement Extension and Renewal	-	\$7,941,906	\$7,941,906
Water Bond Construction	\$622,389	-	\$622,389
Total	\$622,389	\$7,941,906	\$8,564,296

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$710,000	\$742,848	\$776,022	\$811,933	\$848,184	\$3,785,142	\$7,674,128
Purchases	-	-	-	-	-	-	-
Direct Expenses	-	-	-	-	-	-	-
CIP Administration	\$35,478	\$37,119	\$38,777	\$40,571	\$21,205	\$94,629	\$267,779
Total	\$745,478	\$779,967	\$814,799	\$852,504	\$869,388	\$3,879,770	\$7,941,906

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

Water

Project Number and Name

CP0132 - Water Meter Vault Rehab

Project Description

Upgrades necessary for OSHA compliance and to reduce safety hazards for personnel and equipment. Many of the City's water meter vaults are over twenty years old and out of compliance with OSHA Confined Space regulations. These improvements are planned over several fiscal years.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$720,044	\$9,080,390	\$9,800,434
Total	\$720,044	\$9,080,390	\$9,800,434

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$209,349	\$203,520	\$206,939	\$210,892	\$214,730	\$900,677	\$1,946,107
Construction	\$450,000	\$457,920	\$465,613	\$474,506	\$483,143	\$2,026,523	\$4,357,705
Purchases	\$250,000	\$254,400	\$258,674	\$263,615	\$268,413	\$1,125,846	\$2,420,947
Direct Expenses	\$4,500	\$4,579	\$4,656	\$4,745	\$4,831	\$20,265	\$43,577
CIP Administration	\$45,525	\$45,992	\$46,765	\$47,658	\$24,278	\$101,835	\$312,054
Total	\$959,374	\$966,412	\$982,648	\$1,001,416	\$995,395	\$4,175,146	\$9,080,390

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

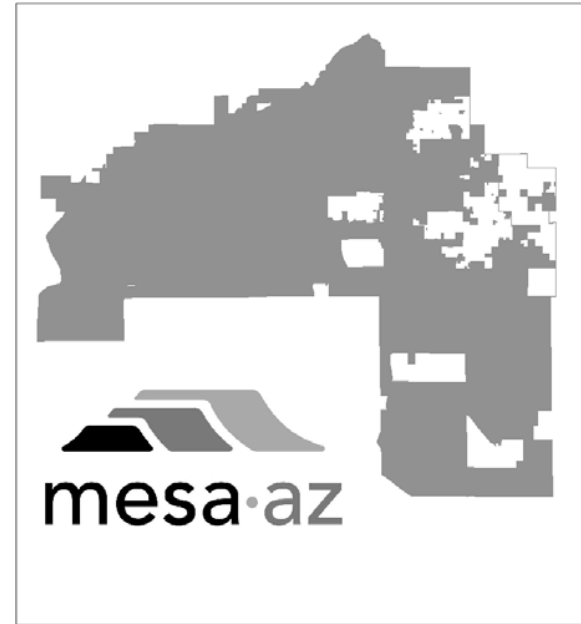
Water

Project Number and Name

CP0322 - Water Meter Vault Rehabilitation

Project Description

Provide necessary safety compliance upgrades to reduce safety hazards for personnel and equipment.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$96,021	\$57,993	\$154,014
Total	\$96,021	\$57,993	\$154,014

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	-	-	-
Construction	\$56,032	-	-	-	-	-	\$56,032
CIP Administration	\$1,961	-	-	-	-	-	\$1,961
Total	\$57,993	-	-	-	-	-	\$57,993

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0319 - Water Services Extension and Replacements

Project Description

Extend and improve water service citywide.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$122,431	\$427	\$122,858
Total	\$122,431	\$427	\$122,858

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$413	-	-	-	-	-	\$413
CIP Administration	\$14	-	-	-	-	-	\$14
Total	\$427	-	-	-	-	-	\$427

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

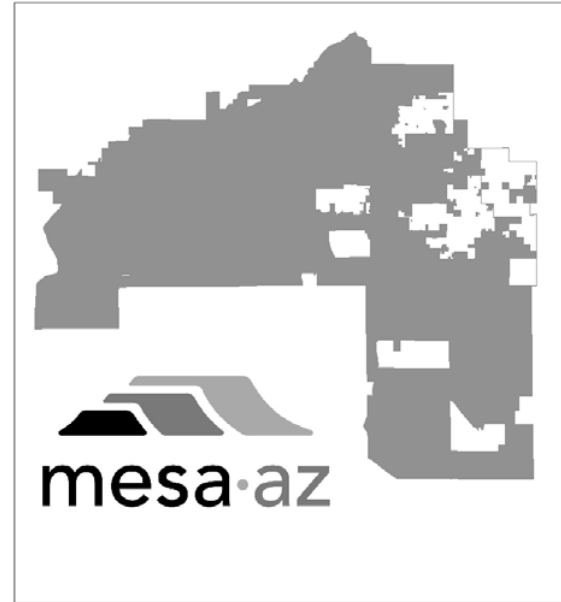
Water

Project Number and Name

CP0129 - Water Services Extension and Replacements

Project Description

Water service extensions and replacements to cure inadequacies that occur in the water system.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$1,274	\$2,025,743	\$2,027,017
Total	\$1,274	\$2,025,743	\$2,027,017

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$200,000	\$203,520	\$206,939	\$210,892	\$214,730	\$900,677	\$1,936,758
Direct Expenses	\$2,000	\$2,035	\$2,069	\$2,109	\$2,147	\$9,007	\$19,368
CIP Administration	\$10,094	\$10,272	\$10,444	\$10,644	\$5,422	\$22,742	\$69,618
Total	\$212,094	\$215,827	\$219,453	\$223,644	\$222,299	\$932,426	\$2,025,743

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0318 - Water System Aging Main Rehab and Repairs

Project Description

Each year the City conducts an evaluation of which waterlines are in the most need of replacement based on age, material, number of breaks, and level of service. This project replaces the identified aging waterlines including related hardware such as valves, hydrants and service lines.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$645,478	\$398,350	\$1,043,828
Total	\$645,478	\$398,350	\$1,043,828

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$78,742	-	-	-	-	-	\$78,742
Construction	\$296,771	-	-	-	-	-	\$296,771
Direct Expenses	\$9,366	-	-	-	-	-	\$9,366
CIP Administration	\$13,471	-	-	-	-	-	\$13,471
Total	\$398,350	-	-	-	-	-	\$398,350

Utilities Major Program Detail Fiscal Years FY 14/15 - FY 18/19

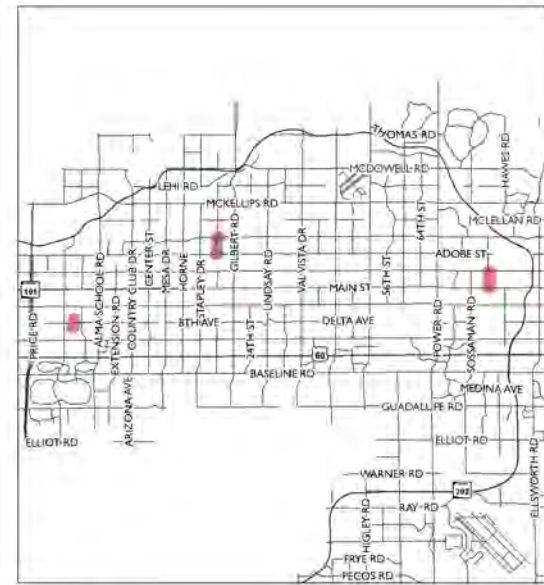
Water

Project Number and Name

CP0033 - Water System Aging Main Rehabilitation and Repairs

Project Description

Repair and/or replace aging water mains to ensure the operational integrity of the water system.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$110,011	\$26,303,658	\$26,413,669
Total	\$110,011	\$26,303,658	\$26,413,669

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$200,000	\$203,520	-	\$210,892	\$322,095	\$1,351,015	\$2,287,522
Construction	\$2,000,000	\$2,035,200	\$103,470	\$2,108,916	\$3,220,950	\$13,510,152	\$22,978,688
Direct Expenses	\$20,000	\$20,352	-	\$21,089	\$32,210	\$135,102	\$228,752
CIP Administration	\$110,931	\$112,883	\$3,621	\$116,972	\$89,381	\$374,907	\$808,696
Total	\$2,330,931	\$2,371,955	\$107,091	\$2,457,869	\$3,664,636	\$15,371,175	\$26,303,658

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

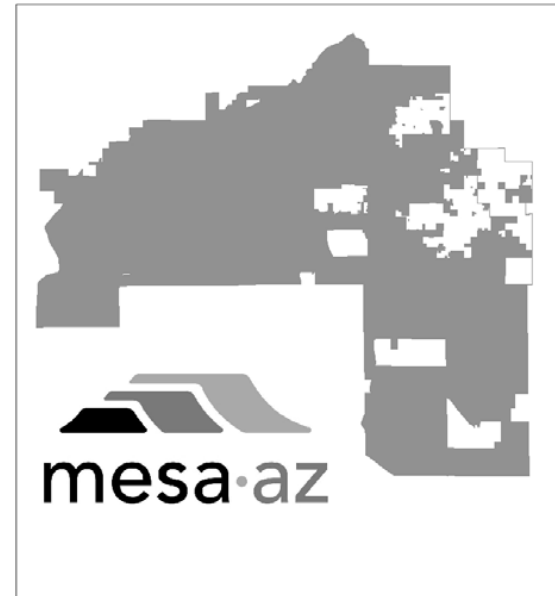
Water

Project Number and Name

CP0139 - Water Compliance Lab Equipment Replacement

Project Description

Replace laboratory equipment in the water compliance lab. The lab is responsible for regulatory compliance analysis of samples from the water treatment plant, the three wastewater treatment plants, all water supply wells, and the water distribution system.



Project Expenditures by Fund

Total Project - Capital

City Wide

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$17,459	\$395,906	\$413,365
Total	\$17,459	\$395,906	\$413,365

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$19,200	-	-	\$1,898	\$1,208	\$363,430	\$385,736
CIP Administration	\$959	-	-	\$95	\$30	\$9,085	\$10,169
Total	\$20,159	-	-	\$1,993	\$1,238	\$372,516	\$395,906

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

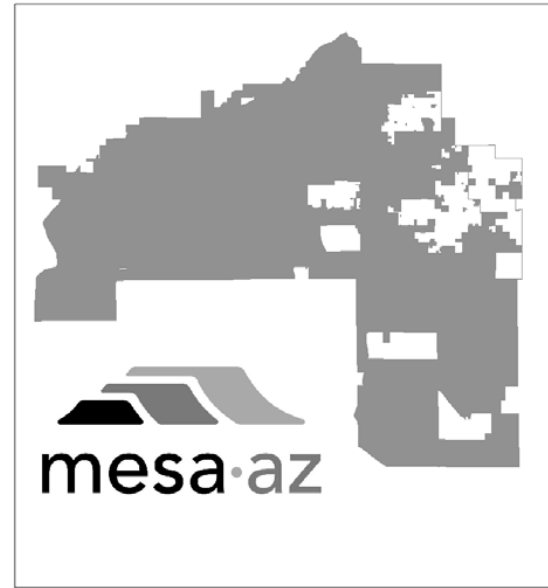
Water

Project Number and Name

C01464 - Water Utility Retirements

Project Description

Water utility retirements for waterlines that have reached the end of their useful life.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Capital - Enterprise	-	\$506,874	\$506,874
Total	-	\$506,874	\$506,874

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$78,205	\$79,956	\$82,544	\$85,575	\$88,753	\$91,842	\$506,874
CIP Administration	-	-	-	-	-	-	-
Total	\$78,205	\$79,956	\$82,544	\$85,575	\$88,753	\$91,842	\$506,874

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

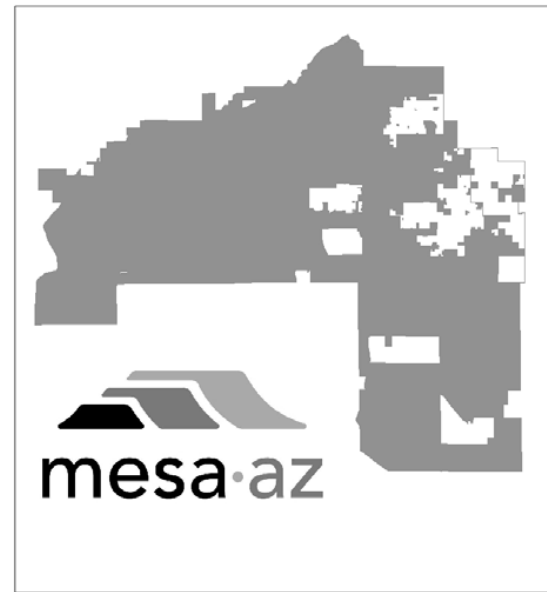
Water

Project Number and Name

CP0135 - Water Valve Replacement

Project Description

Replace water valves that are beyond their useful life to ensure the reliability of the water system. These improvements are planned over several fiscal years.



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$210,914	\$2,532,644	\$2,743,558
Total	\$210,914	\$2,532,644	\$2,743,558

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Construction	\$250,000	\$254,400	\$258,674	\$263,615	\$268,413	\$1,125,846	\$2,420,947
Purchases	-	-	-	-	-	-	-
Direct Expenses	\$2,500	\$2,544	\$2,587	\$2,636	\$2,684	\$11,258	\$24,209
CIP Administration	\$6,313	\$12,839	\$13,055	\$13,304	\$13,546	\$28,430	\$87,487
Total	\$258,813	\$269,783	\$274,316	\$279,555	\$284,643	\$1,165,534	\$2,532,644

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

C01645 - Waterline from Central Arizona Project to Signal Butte Water Treatment Plant

Project Description

Due to growth of the city in the southeast area a new water plant is needed. There is also an agreement with RWCD to transport water from the CAP canal to their irrigation canal at Signal Butte and Elliot. This water line will be approximately 3 miles long.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	\$10,134	\$10,780,070	\$10,790,204
Total	\$10,134	\$10,780,070	\$10,790,204

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	\$505,000	-	-	-	-	-	\$505,000
Construction	-	\$9,723,168	-	-	-	-	\$9,723,168
Direct Expenses	-	\$50,880	-	-	-	-	\$50,880
CIP Administration	\$12,625	\$488,397	-	-	-	-	\$501,022
Total	\$517,625	\$10,262,445	-	-	-	-	\$10,780,070

Utilities Major Program Detail **Fiscal Years FY 14/15 - FY 18/19**

Water

Project Number and Name

CP0026 - Well DW-F3

Project Description

Drill one groundwater well to supply the Signal Butte Reservoir during future Central Arizona Project (CAP) canal dry-ups.



Project Expenditures by Fund

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$2,676,312	\$2,676,312
Total	-	\$2,676,312	\$2,676,312

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Design	-	-	-	-	\$57,410	\$58,444	\$115,854
Construction	-	-	-	-	-	\$2,470,477	\$2,470,477
Direct Expenses	-	-	-	-	-	\$24,705	\$24,705
CIP Administration	-	-	-	-	\$1,435	\$63,841	\$65,276
Total	-	-	-	-	\$58,846	\$2,617,466	\$2,676,312

**Utilities Major Program Detail
Fiscal Years FY 14/15 - FY 18/19**

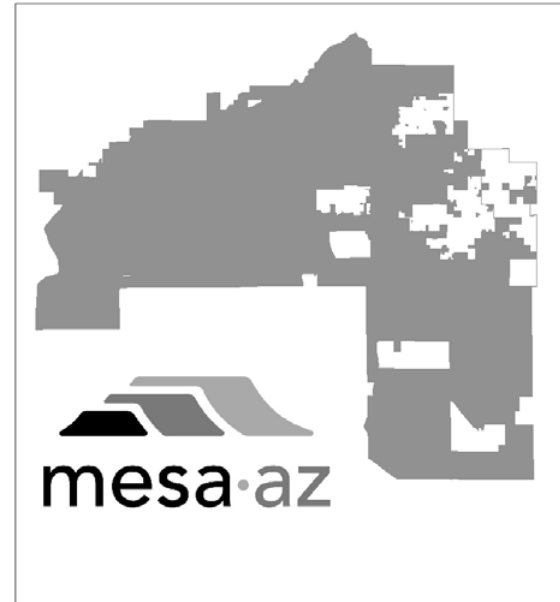
Water

Project Number and Name

C09011 - White Mountain Apache Water Settlement

Project Description

Provides funding for a settlement regarding the legal and physical access to water from the Salt River watershed. Through the settlement, Mesa will lease from the Tribe 866 acre-feet per year of high priority Central Arizona Project water and 2,291 acre-feet per year of lower priority Central Arizona Project water. Both forms of water are extremely valuable to the City of Mesa water system



Project Expenditures by Fund

City Wide

Total Project - Capital

Fund	Estimated Expenditures Thru FY 13/14	Estimated Remaining Expenditures	Fund Totals
Water Bond Construction	-	\$7,838,142	\$7,838,142
Total	-	\$7,838,142	\$7,838,142

Project Expenditures by Phase and Year - Capital

Phase	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	Future Years	Totals
Purchases	\$3,700,000	\$3,765,120	-	-	-	-	\$7,465,120
CIP Administration	\$184,884	\$188,138	-	-	-	-	\$373,022
Total	\$3,884,884	\$3,953,258	-	-	-	-	\$7,838,142

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